



Crimson Collective Week

in the United Arab Emirates

Edition

February 2025

Curated by

Crimson Founders

Featured Startups

MIT & Harvard Affiliated





The Founders Network for the
MIT and Harvard Communities

www.CrimsonFounders.com



Table of Content

Crimson Founders	1
The Crimson Collective Week	3
The Crimson Collective Week 1.0	4
Why We Chose the UAE for the Inaugural Crimson Collective Week	6
Crimson Founders Team	12
Presenters and Finalists	20
Overview	21
6 Selected Startups	22
Industry Representation	24
Amplified Industries, Inc.	29
Applied AI Corporation	30
Helix Carbon, Inc.	31
Hexembio Inc.	32
ML Tech	33
Spectrohm, Inc.	34



Bolt Insight Limited	35
Cashflowy.ai INC.	36
Cytex, Inc.	37
E62 Bio	38
Encore Health Solutions Inc.	39
HarvestAi	40
Kadeya	41
Kira	42
MathEarth	43
Rise	44
S1LKPAY	45
Vocadian	46
Xtraa	47
Directory of Applicants	48
Our Partners	75
Acknowledgments	81



Crimson Founders

The Founders Network for the
MIT and Harvard Communities

Crimson Founders is a global platform dedicated to connecting startups led by MIT and Harvard entrepreneurs with investors, industry leaders, innovation ecosystems, and government initiatives. Through curated demo days, venture programs, info sessions, and select networking events, we foster innovation, facilitate meaningful connections, and support startups in scaling their ventures.

We work with startups where at least one founder is a student, graduate, professor, or postdoc of

MIT or Harvard. Acting as a catalyst and facilitator, Crimson Founders provides strategic consulting, investor and industry-specific networking sessions, and impactful introductions that drive fundraising and partnerships. Our curated startup directory enhances visibility for high-potential ventures, ensuring they gain access to the right opportunities at the right time.

With a deep commitment to empowering founders, Crimson Founders is building a vibrant entrepreneurial ecosystem and community where the world's most promising startups can thrive—both regionally and globally.

Disclaimer: Crimson Founders is an independent organization and is not affiliated with MIT or Harvard.



The Crimson Collective Week

A Curated Initiative Connecting
Startups affiliated with MIT and
Harvard with Global Markets,
Capital, & Industry Leaders

The Crimson Collective Week is a curated and intensive, week-long series of demo sessions, exclusive networking events, investor and industry-focused forums, and engagement with government-led initiatives designed to connect MIT and Harvard-affiliated startups with potential and future strategic partners, customers, and investors.

The program aims to bridge global innovation with regional opportunities. By facilitating high-impact conversations and collaborations, we seek to lay the groundwork for strategic partnerships, investments, and global market expansion.



The Crimson Collective Week 1.0

in the United Arab Emirates

Crimson Founders is launching the inaugural **Crimson Collective Week** in the UAE, bringing together MIT and Harvard-affiliated startups, investors, and industry leaders. Taking place in Dubai and Abu Dhabi, February 24-28, 2025, this program is designed to foster meaningful connections and unlock opportunities for startups seeking to expand in the region.

At the heart of this program is the Crimson Founders Demo Session, which in collaboration with Future 100, is held at Investopia 2025, scheduled for February 26-27, 2025, at the St. Regis Saadiyat Island Resort in Abu Dhabi.

Surrounding this, Crimson Founders has partnered with DMCC AI Centre, Dubai Future Foundation, and Al Tamimi & Company to curate a week-long program of exclusive engagements, private investor dinners, and opportunities for meaningful



dialogue and collaboration. These sessions will connect startups with strategic partners, industry leaders, government representatives, and investors, fostering relationships that accelerate growth and offer insights into the UAE's regulatory landscape, market, and entrepreneurial ecosystem.

Applications were opened globally to startups with at least one founder who is a student, graduate, professor, postdoc, or researcher at MIT and/or Harvard. From a competitive pool of 52 eligible applicants, 19 startups were selected to participate in The Crimson Collective Week—6 were selected to present on stage at the Crimson Founders Demo Session at Future 100 Forum at Investopia on February 26th and 12 were selected to present at Crimson Elevate x DMCC on February 25th.

The mission of The Crimson Collective Week 1.0 is to build a bridge between next-generation startups affiliated with MIT and Harvard and the UAE—a nation known for its innovation, forward-thinking leadership, and commitment to entrepreneurship. This initiative lays the groundwork for impactful collaborations, driving market expansion, economic growth, and long-term investment—benefiting both the participating startups and the UAE's dynamic ecosystem.



Why We Chose the UAE for the Inaugural Crimson Collective Week

A Thriving Ecosystem for Startups, Investment, and Expansion

The UAE stands as a beacon for innovation and entrepreneurship, offering a dynamic ecosystem that nurtures startup growth. Key factors influencing our decision include:

Robust Government Support

The UAE government actively fosters technological advancement through initiatives like the NextGenFDI program, the "We the UAE 2031 Vision," and the "Abu Dhabi Economic Vision 2030," both of which outline long-term strategies for economic growth and diversification. Other key programs include Hub71, a global tech ecosystem providing startups with access to funding and market opportunities, ADGM's Tech Startup License, which streamlines regulatory processes for new ventures, and Masdar City Free Zone, a sustainability-focused hub supporting clean tech and innovation. These efforts are complemented by interest-free loans, tax incentives in free zones, and a thriving venture capital ecosystem, making the UAE an ideal environment for tech startups to scale and succeed.

Strategic Geographical Location

Situated at the crossroads of Europe, Asia, and Africa, the UAE provides unparalleled access to diverse markets, making it an ideal hub for global expansion.

Thriving Venture Capital and Investment Ecosystem

The UAE has rapidly positioned itself as a premier hub for startups, backed by a diverse range of funding sources, including sovereign wealth funds, venture capital firms, family offices, and an expanding angel investor network. Recent fund launches include Lunate, managing over \$105 billion in assets across multiple investment classes; Iliad Partners' \$50 Million Fund, targeting early-stage businesses in the UAE and Saudi Arabia; Oraseya Capital, a \$135 million fund supporting tech startups; MGX Fund Management



Limited, with a \$100 billion focus on AI innovation; and Alpha Wave Incubation (AWI) Fund, a \$297 million venture fund fostering early-stage startups in Abu Dhabi. Additionally, sovereign funds such as Mubadala Capital and ADQ Ventures play a crucial role in startup funding, while family offices like Dubai Holding LLC and Abu Dhabi Capital Group are increasingly investing in high-growth ventures. The UAE's angel investor landscape is also expanding, with platforms like AngelSpark facilitating early-stage investments in fintech, web3, SaaS, and more.

Strong and thriving Industries and global key players in AI, Energy & Sustainability, Biotechnology, Supply Chain & Logistics, and Cybersecurity

The United Arab Emirates is strategically investing in high-growth industries to position itself as a global leader in innovation and economic diversification. The country's focus spans Artificial Intelligence (AI), Energy & Sustainability, Biotechnology, Supply Chain & Logistics, Maritime Trade Infrastructure, and Cybersecurity & Defense. Government-backed initiatives, sovereign investment funds, and corporate powerhouses are driving advancements in these sectors,



fostering an ecosystem that attracts global talent, technology, and capital.

Artificial Intelligence (AI)

The UAE has made AI a national priority, with its AI Strategy 2031 aiming to integrate artificial intelligence across industries and solidify the country as a global AI hub.

- **G42** – A leading Abu Dhabi-based AI and cloud computing company, G42 operates across biotechnology, healthcare, energy, and data analytics. It has established partnerships with global tech firms and plays a pivotal role in the UAE's AI-driven economy.
- **Presight** – A subsidiary of G42, Presight specializes in AI-powered big data analytics, advancing solutions across finance, public services, and security.
- **AIQ** – A joint venture between ADNOC and G42, AIQ is pioneering AI-driven solutions to enhance operational efficiency, predictive maintenance, and energy sustainability in the oil and gas sector. Its flagship platform, ENERGYai, developed in collaboration with ADNOC and Microsoft, leverages advanced AI to optimize production, streamline reservoir management, and drive sustainability across the energy value chain.

Energy & Sustainability: A Strong Oil & Gas Sector with Cutting-Edge Innovation

The UAE has built one of the world's most robust oil and gas industries, leveraging advanced technology, artificial intelligence, and automation to optimize production, enhance efficiency, and reduce environmental impact. While the country is making significant strides in clean energy, oil and gas remain the backbone of its economy, with major investments ensuring the sector remains competitive, innovative, and aligned with global energy demands.

Oil & Gas Industry: Advanced Technologies Driving Growth

- **Abu Dhabi National Oil Company (ADNOC)** – One of the world's largest oil and gas companies, ADNOC is a key driver of the UAE's economy. The company continues to invest heavily in expanding oil and gas production while integrating cutting-edge technologies such as AI, blockchain, and predictive analytics to optimize drilling, enhance reservoir management, and improve operational efficiency. ADNOC is also leading the region in automated and AI-driven oilfield operations, making production more cost-effective and environmentally responsible.
- **UAE's Position in Global Energy Markets** – The UAE ranks among the top ten oil-producing nations, with proven crude oil reserves exceeding 100 billion barrels. It is



a key supplier to global markets, with significant refining and petrochemical capabilities that position it as a leading energy hub.

- **Strategic Expansion of Production Capacity** – ADNOC is on track to increase its crude oil production capacity to 5 million barrels per day by 2027, strengthening the UAE's position as a reliable energy supplier to international markets. The company is also investing in gas production to enhance energy security and meet rising global demand.

Clean Energy & Sustainability Efforts

While maintaining a dominant position in oil and gas, the UAE is also at the forefront of the energy transition, pioneering sustainable solutions and renewable energy projects.

- **Masdar (Abu Dhabi Future Energy Company)** – A global leader in renewable energy and sustainable urban development, Masdar is rapidly expanding its clean energy portfolio, with a target of reaching 100 gigawatts of renewable capacity by 2030. The company plays a key role in



the UAE's diversification strategy, investing in solar, wind, and green hydrogen projects worldwide.

- **Hydrogen & Carbon Capture Initiatives** – ADNOC is investing \$23 billion in low-carbon solutions, including hydrogen production, carbon capture, and storage (CCS) technologies, to support the global transition to cleaner energy while maintaining the competitiveness of its hydrocarbon sector.

Biotechnology & Healthcare Innovation

The UAE is rapidly emerging as a biotech and healthcare innovation hub, leveraging AI and advanced research.

- **M42** – A joint venture between G42 and Mubadala Investment Company, M42 is pioneering AI-driven healthcare solutions, bolstering the UAE's ambitions to become a leader in biotechnology and precision medicine.

Supply Chain & Logistics

As a global trade powerhouse, the UAE has built world-class logistics infrastructure, optimizing supply chains through smart technologies and integrated logistics solutions.

- **DP World** – One of the world's largest port operators, headquartered in Dubai, DP World manages Jebel Ali Port, a crucial

global trade hub, and operates in over 80 locations worldwide. It leads in smart logistics, free zones, and digital trade solutions.

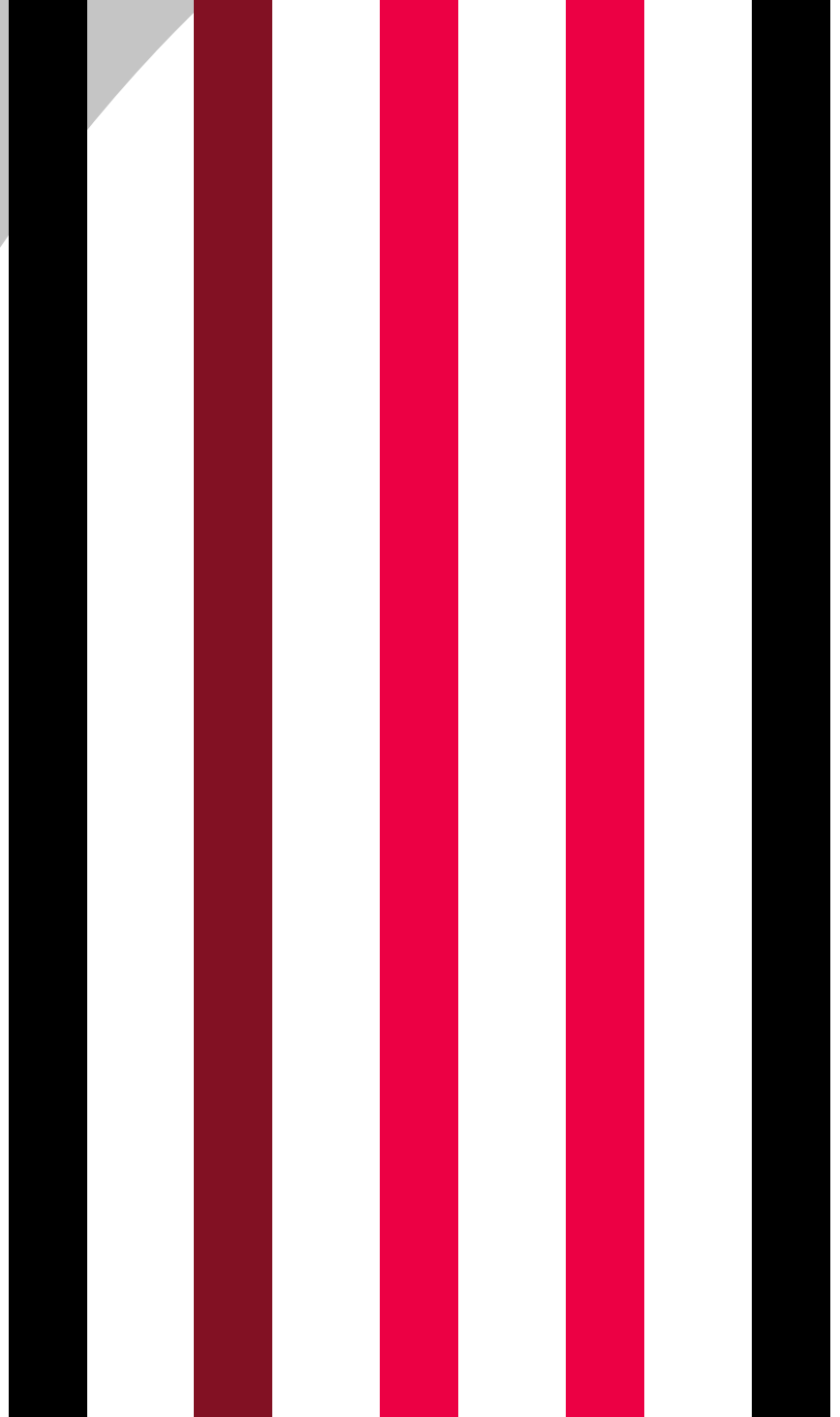
- **AD Ports Group** – Overseeing Khalifa Port, Zayed Port, and other logistics assets, AD Ports is expanding its integrated logistics solutions and free zones, enhancing global supply chain connectivity.
- **Jebel Ali Port** – The region's largest port and a major gateway for international trade.
- **Khalifa Port** – A state-of-the-art port in Abu Dhabi, rapidly expanding its cargo handling and logistics capabilities.
- **Jebel Ali Free Zone (JAFZA)** – An economic powerhouse adjacent to Jebel Ali Port, JAFZA houses thousands of international businesses and offers tax-free incentives with streamlined import/export operations.
- **Khalifa Industrial Zone Abu Dhabi (KIZAD)** – A growing industrial hub under AD Ports Group, integrating manufacturing, trade, and logistics.
- **Dubai South Logistics District** – A strategic logistics and aviation hub linked to Al Maktoum International Airport, designed for multi-modal transport connectivity.

Cybersecurity & Defense

As digital transformation accelerates, the UAE is prioritizing cybersecurity and defense technologies to protect its critical infrastructure and data.

- **EDGE Group** – A major player in defense technology and cybersecurity, EDGE focuses on autonomous systems, AI-powered security, and advanced defense solutions.
- **DarkMatter** – A UAE-based cybersecurity firm specializing in digital defense, encryption, and national security solutions.

The UAE's strategic investments in AI, sustainability, biotechnology, logistics, and defense are transforming the country into a global leader in innovation and economic resilience. With world-class infrastructure and strong government support, these industries are set to drive the next wave of economic growth in the region.



Crimson Founders Team

Founders & Strategic Advisors



Anoosheh Kalantari

Co-Founder, CEO, and
Managing Partner

Crimson Founders

Anoosheh Kalantari is the Founder and Managing Partner of Crimson Founders, a platform connecting MIT and Harvard-affiliated startups with global investors and industry partners. She serves as the Chief Operating Officer and a board member at Six Star Bulk Bag, a leading packaging manufacturing company in the Middle East. Under her leadership, the company became vertically integrated, secured the largest market share, and became the vendor of choice for major petrochemical companies. She founded one of the largest Manufacturing Industry Associations in the region and is an investor and board member at Guofu Hydrogen Energy Equipment Technologies, driving clean energy solutions in the UAE.

Anoosheh has played an integral role in various MIT initiatives, organizing and leading prominent events within the MIT community. She is one of the founders and organizers of The Annual MIT Female Founders Pitch Competition in New York City. Her efforts have also included organizing distinguished speaker events at MIT featuring influential figures such as General David Petraeus, Dr. Jordan Peterson, and Dr. Andrew Lo.

Anoosheh holds an MBA from the MIT Sloan School of Management, a Bachelor of Applied Science in Electrical & Computer Engineering from the University of Toronto, and an Associate of Applied Science in Fashion Design from Parsons School of Design. She pursued a Bachelor of Fine Arts in Fashion Design from Parsons School of Design.



Cristina Dolan

Co-Founder and Managing
Partner

Crimson Founders

Cristina Dolan is a renowned technology executive and cyber advisor for Crimson Vista, serving on boards and audit committees of leading public technology companies in Industry 5.0. At RSA Security and Netwitness, she held key leadership roles, including Managing Director for LATAM, Head of the Americas Channel, and Global Head of Alliances.

An accomplished entrepreneur, Cristina founded iXledger, a cyber insurance marketplace, and was CEO of an MIT AI spin-off she commercialized before acquisition. She also co-founded Additum, a European 'Value-Based Healthcare' ecosystem. Currently, she is a Senior Lecturer at Columbia University's Technology Management Program, contributes to World Economic Forum cybersecurity publications, and has authored books on ESG and Data. Her career includes executive roles at IBM, Oracle, Disney, and Hearst, as well as leading the MIT AI spin-out, Wordstream.

Cristina's achievements include the Harold E. Lobdell Distinguished Service Award from MIT and the Coup de Coeur du CEFYCYS Cybersecurity Europe award. She holds an MS from the MIT Media Lab and degrees in Computer Science and Electrical Engineering.



Ali Jumabhoy

Vice President of Ventures | **utu**
Strategic Advisor | **Crimson Founders**

Ali's experience lies primarily in the startup and venture capital space, with a strong focus on early-stage startups. He currently serves as the Vice President of Ventures at utu, a travel technology company specializing in tax-free shopping. In this role, he oversees fundraising, the establishment of new business ventures, and organizational structuring. Before joining utu, Ali was a venture builder at Draper Startup House and Mission Plus, where he specialized in investing in and building early-stage startups, particularly in emerging economies. He also served as a selection judge for *Meet the Drapers* in Riyadh. Ali further honed his venture capital expertise at Zayn VC, a leading fund with a primary focus on investing in Pakistani startups. In addition to his professional



Andrey Biryuchinskiy

Strategic Advisor | **Crimson Founders**

Andrey Biryuchinskiy is a serial entrepreneur passionate about building consumer tech products. He studied Financial Mathematics (MFin) at MIT and began his career at UBS. Andrey co-founded Hardworkers, Inc., a social media company backed by MIT and Snapchat. Currently, he serves as a CTO and AI consultant for tech startups across the mental health, skincare, finance, music, and legal industries. He is deeply committed to refining the process of identifying customer problems and designing tech products that effectively address their needs.



Ilia Lotov

Strategic Advisor | **Crimson Founders**

Ilia Lotov is a seasoned technology investor turned entrepreneur with a diverse background in investment banking, private equity, and growth equity. He began his finance career at Goldman Sachs in the Investment Banking Division before joining Mubadala Investment Company, a global sovereign fund investor with over \$300 billion in assets under management. During his four-year tenure at Mubadala, Ilia focused on private equity, late-stage venture capital, and growth equity investments, eventually advancing to the role of Senior Associate. Most recently, he was based in Mubadala's New York City office, where he specialized in U.S. growth equity investments in technology companies. He is an active Brazilian Jiu-Jitsu practitioner.

Ilia earned a Bachelor of Science in Finance from Pennsylvania State University, graduating magna cum laude, and an MBA from the MIT Sloan School of Management, with concentrations in Finance and Business Analytics. He is based in Cambridge, Massachusetts.



Sam Heuck

Founder | **Ranger Software Group**
Strategic Advisor | **Crimson Founders**

Sam Heuck is a co-founder of Ranger Software Group, a permanent holding company for mission-critical software businesses. Ranger partners with entrepreneurs whose creations power our world to build businesses over an unlimited horizon. Prior to founding Ranger Software Group, Sam served as Vice President at Compounding Labs, where he specialized in long-duration software and services investments. Over his career, he has developed expertise across operating and investing roles in the U.S. and Asia. Notably, Sam led two manufacturing companies as General Manager in China, overseeing commercial and production activities as well as cross-border expansion. Sam has worked with a range of startup and venture investments and his experience has spanned the earliest stages of company formation to multi-generational family businesses instilling in him a great appreciation of entrepreneurship.



James Camp

Private Equity Associate | **Partners Group**
Strategic Advisor | **Crimson Founders**



James is a technology investor and operator with experience in private equity, venture capital, and military service. He currently works as an Investment Professional at Partners Group, a Swiss-based private markets firm with \$152 billion in assets under management, where he focuses on buyouts and growth investments in infrastructure and application software. His responsibilities include evaluating new investments, developing investment theses, and collaborating with portfolio company leadership to drive value-creation initiatives. Before Partners Group, James worked at two U.S.-based early-stage venture capital firms, Black Opal Ventures and TFX Capital. There, he specialized in pre-seed to Series A B2B SaaS investments across sectors like healthcare and agriculture

James served as a U.S. Marine Officer for six years on active duty. During this time, he led ground reconnaissance units, focused on integrating technology into infantry operations. James holds an MBA from MIT Sloan School of Management



Presenters and Finalists

**Crimson Founders
2025 Cohort**

The Crimson Founders Demo Session at the
Future 100 Forum at Investopia 2025 in Abu Dhabi
and The Crimson Collective Week 1.0
in the United Arab Emirates



Overview

2025 Cohort in the United Arab Emirates

Crimson Founders is proud to introduce 19 outstanding startups selected for the Crimson Founders 2025 Cohort in the United Arab Emirates to participate in the Crimson Founders Demo Session at the Future 100 Forum at Investopia 2025 and Crimson Collective Week in the UAE, taking place from February 24-28 in Dubai and Abu Dhabi.

Among these 19 startups, six exceptional companies have been chosen to present on stage at the Future 100 Forum, showcasing cutting-edge innovations across Artificial Intelligence, Biotech, Hard Tech, Healthcare, Energy, Chemicals, Sustainability, Security, Supply Chain, Blockchain, and Finance. Notably, 63% operate in AI, Data, and Cloud Technologies, with AI (47%) leading across finance, healthcare, cybersecurity, and industrial applications. Other dominant categories include SaaS (42%), Hardware, Hard Tech & IoT (32%), Financial Services & Blockchain (26%), Healthcare & Biotechnology (21%), and Sustainability & Clean Tech (21%)—showcasing the diverse technological landscape of this year's finalists.



6 Selected Startups

to Present at Future 100 Forum at
Investopia

Amplified Industries, Inc. – Your Oilfield Revolution Starts Here

Industries: Artificial Intelligence (AI), Analytics, SaaS, Sustainability, IoT, Energy, Environmental, Logistics & Supply Chain Revolutionizing oil and gas operations through Industry 4.0, Amplified Industries integrates AI and high-bandwidth cloud platforms to transform production efficiency.

Applied AI Corporation – The World's Most Boring AI Company

Industries: Artificial Intelligence (AI) A UAE-based enterprise AI company optimizing productivity and decision-making for healthcare, insurance, financial services, and government sectors through its AI-driven knowledge work platform.

Helix Carbon, Inc. – Disrupting the Materials Economy by Transforming Waste CO₂ into Value

Industries: Chemicals, Climate, Hardware, Sustainability, Environmental Developer of next-generation electrolyzers that convert CO₂



into valuable chemicals, providing carbon-neutral solutions for the iron industry.

**Hexembio Inc. – Reversing Aging
With Advanced Stem Cell Therapy**

Industries: Healthcare, Biotechnology, Pharmaceuticals A longevity biotech startup pioneering rejuvenated hematopoietic stem cell therapy to enhance immune function and extend healthy lifespans.

**ML Tech – Building the Future of
Financial Services**

Industries: Financial Services, Crypto / Blockchain, Finance A digital assets investment platform delivering institutional-grade trading strategies and customized portfolio solutions in digital finance.

**Spectrohм, Inc. – Inspect at
the Speed of Commerce**

Industries: Government, Logistics & Supply Chain, Defense, Security, Hard Tech, Virtual Reality (VR) Developer of high-speed, AI-powered inspection technology for small bags and packages, enhancing security and logistics efficiency.



Industry Representation

Among the 19 Finalists

The 19 selected startups represent a diverse array of industries at the intersection of AI, SaaS, biotech, healthcare, energy, hard tech, security, and financial innovation.

Key Industry Trends:

- **Artificial Intelligence (AI) (47%)** – AI is a leading category, with 9 startups integrating AI-driven solutions across finance, healthcare, cybersecurity, SaaS, and industrial applications.
- **SaaS (42%)** – cloud-based solutions for enterprise efficiency, security, and data analytics.
- **Hardware, Hard Tech, & IoT (32%)** – industrial technologies in energy, security, and supply chain.
- **Financial Services & Blockchain (26%)** – blockchain, lending, and fintech.
- **Healthcare & Biotechnology (21%)** – Biotech, pharmaceuticals, insurance, and medical devices.
- **Energy, Clean Tech, and Infrastructure (21%)** – carbon conversion, water treatment, and pipelines.



Aerospace

Aerospace

Agriculture & Food

Agriculture

Food and Beverage

HarvestAi	40
Kadeya	41

AI, Data, and Cloud Technologies

Artificial Intelligence (AI)

Analytics

Developer Tools

Cloud Computing

Information Technology (IT)

SaaS (Software as a Service)

Telecommunications

Amplified Industries, Inc.	29
Applied AI Corporation	30
Bolt Insight Limited	35
Cashflowy.ai INC.	36
Cytex, Inc.	37
E62 Bio	38
Encore Health Solutions Inc.	39
HarvestAi	40
MathEarth	43
Rise	44
Vocadian	46
Xtraa	47



Biotech & Health

Biotechnology

Life Sciences

Biomanufacturing

Medical Devices

Pharmaceuticals

Healthcare

Health and Wellness

Hexembio Inc.	32
E62 Bio	38
Encore Health Solutions Inc.	39
Vocadian	46

Chemicals

Chemicals

Helix Carbon, Inc.	31
Kira	42

Cybersecurity

Cybersecurity

Cytex, Inc.	37
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Education

Education

Finance & Blockchain

Crypto / Blockchain

Finance

Financial Services

Lending / Loan Management

Insurance

ML Tech	33
Cashflowy.ai INC.	36



Rise	44
S1LKPAY	45
Xtraa	47

● Government, Security, and Defense

Defense

Government

Security

Spectrohm, Inc.	34
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● Hardware, Hard Tech, & IoT

Hardware

Hard Tech

Internet of Things (IoT)

3D Printing

Automotive

Amplified Industries, Inc.	29
Helix Carbon, Inc.	31
Spectrohm, Inc.	34
Kadeya	41
Kira	42
MathEarth	43

● Logistics and Supply Chain

Logistics and Supply Chain

Transportation

Amplified Industries, Inc.	29
Spectrohm, Inc.	34
Kadeya	41

● Manufacturing

Manufacturing

E62 Bio	38
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● Marketplace

Marketplace

E-Commerce

Xtraa 47

● Marketing & Media

AdTech

Marketing and Advertising

Entertainment

Media

Bolt Insight Limited 35

● Research & Development (R&D) and Emerging Tech

Research and Development (R&D)

Augmented Reality (AR)

Virtual Reality (VR)

Gaming

Spectrohm, Inc. 34

MathEarth 43

● Sustainability, Clean Tech, & Energy

Clean Energy

Climate, Energy

Environmental

Sustainability

Amplified Industries, Inc. 29

Helix Carbon, Inc. 31

Kadeya 41

Kira 42



Presenter

Amplified Industries, Inc.

Your Oilfield Revolution Starts Here

- **Artificial Intelligence (AI)** • **Analytics** • **SaaS (Software as a Service)**
- **Energy** • **Environmental** • **Sustainability**
- **Internet of Things (IoT)**
- **Logistics and Supply Chain**

Amplified Industries revolutionizes oil and gas operations by bringing Industry 4.0 to the field. Its breakthrough high-bandwidth cloud platform combines cutting-edge AI with deep physics expertise to transform production operations. Through advanced telecom technology, it captures massive real-time data streams from wells and facilities, enabling truly intelligent operations. Operators can now manage their assets with unprecedented efficiency and environmental responsibility, thanks to its seamless IoT solution that integrates effortlessly with existing infrastructure.

Country: United States
Website: www.amplified.industries
Email: info@amplified.industries
Founders' Affiliation: MIT

Founding Team



**Sebastien
Mannai**



**Charles-Henri
Clerget**



**Eric
Zhang**



**Louis
Creteur**



Presenter

Applied AI Corporation

The World's Most Boring AI Company

● Artificial Intelligence (AI)

AppliedAI is an enterprise technology company focused on improving decision-making and operational efficiency in healthcare, insurance, financial services, life sciences, and government. Founded in London in 2021 and now headquartered in Abu Dhabi, it has over 100 employees across the US, Germany, UAE, and APAC. The company has raised over \$40 million from investors like G42, Bessemer Venture Partners, and Palantir. Its AI platform, Opus (Opus.com), automates critical back-office services traditionally handled by BPOs, integrating AI workflows with human expert reviewers to ensure accuracy. AppliedAI envisions a shift from the traditional FTE model to a decentralized "Human Expert Cloud," enabling freelance knowledge workers to provide high-quality, time-sensitive services on demand.

Country:	United Arab Emirates
Website:	www.aaico.com
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Founders' Affiliation:	Harvard

Founding Team



**Arya H.
Bolurfrushan**



Presenter

Helix Carbon, Inc.

Disrupting the Materials Economy by Transforming Waste CO₂ into Value

- Chemicals
- Climate • Sustainability • Environmental
- Hardware

Helix Carbon produces electrolyzers with dramatically improved system lifetimes to convert point-source carbon dioxide into useful chemicals. Its novel catalyst coating techniques enable stability in mixed gas streams and conversion even at low CO₂ concentrations, eliminating the need for separate carbon capture in many applications. Coupled with its ability to adjust the ratio of carbon monoxide and hydrogen produced, Helix Carbon provides drop-in, carbon-neutral reducing gases to decarbonize the iron industry.

Country: United States
Website: www.helixcarbon.co
Email: david@helixcarbon.co
Founders' Affiliation: MIT

Founding Team



**Dr. Ariel
Furst**



**David
Brown**



**Evan
Haas**



Presenter

Hexembio Inc.

Reversing Aging With Advanced Stem Cell Therapy

● **Biotechnology** • **Life Sciences** • **Pharmaceuticals** • **Healthcare**

HeXem Bio, a leading longevity biotechnology firm, has developed the world's first rejuvenated hematopoietic stem cell therapy. This groundbreaking approach leverages synthetic biology technology to reverse aging in blood stem cells, enhancing immune function and extending healthy lifespans without genetic modification. Published in prestigious journals such as Nature and featured in the New York Times and on NASDAQ, its technology has completed preclinical animal studies and secured Orphan Designation for its first IND.

Co-founder Samira Kiani recently received the U.S. Presidential Award for this innovative work. HeXem Bio's expert team includes two MDs and two PhDs from MIT and UC Berkeley, second-time founders, and Y Combinator alumni. The company is backed by renowned investors, including Draper VC, SOSV, Venture Science, and Schox.

Country: United States
Website: www.hexemb.io
Email: gabriel.t@hexemb.io
Founders' Affiliation: MIT

Founding Team



**Gabriel Levesque
Tremblay**



**Joshua
Hislop**



**Mo
Ebrahimkhani**



**Samira
Kiani**



Presenter

ML Tech

Building the Future of Financial Services

● Financial Services • Crypto / Blockchain • Finance

ML Tech is a digital assets investment platform that uniquely provides optimized blended portfolios and bespoke products tailored to meet diverse investment objectives and risk appetites. Investors gain access to a curated array of delta-neutral, market-neutral, and beta trading strategies via the ML Tech platform.

ML Tech offers comprehensive solutions that bridge the gap between institutional investors and unique alpha opportunities available exclusively in digital asset markets. Its team brings decades of proven experience in high-frequency trading (HFT) and quantitative trading, successfully creating and deploying digital asset trading strategies with optimized execution and exchange connectivity.

Country: United States
Website: www.mltech.ai
Email: marketing@mltech.ai
Founders' Affiliation: MIT

Founding Team



**Leonid
Mindyuk**



**Markus
Leballeux**



Presenter

Spectrohm, Inc.

Inspect at the Speed of Commerce

- Government • Defense • Security
- Logistics and Supply Chain
- Hard Tech
- Virtual Reality (VR)

Spectrohm develops high-speed, high-throughput internal inspection systems for small bags, packages, and personal property. Current human-centric tools inspect only 3% of the 400 billion bags and packages that move each year, resulting in \$100 billion in losses due to fraud, errors, hazards, and threats.

Spectrohm's patented technology identifies hidden contents within bags and boxes, enabling an automated future where 100% of items are inspected. The company has received over \$5 million in U.S. government support to enhance the inspection of international eCommerce and air cargo.

Country: United States
Website: www.spectrohm.com
Email: techinfo@spectrohm.com
Founders' Affiliation: MIT

Founding Team



Leo
Ludwick



Tim
Cargol



Bolt Insight Limited

AI-Automated Research

- **AdTech** • **Marketing and Advertising**
- **Analytics** • **Artificial Intelligence (AI)** • **SaaS (Software as a Service)**

Bolt Insight is a research platform transforming consumer understanding through AI-powered qualitative research. Its AI moderator, BoltChatAI, automates the research process, from recruiting target audiences and facilitating conversations to analyzing responses and delivering insights. By leveraging voice-to-voice research, social listening, predictive analytics, and text-to-visual tools, Bolt Insight enables brands to co-create solutions while identifying real-time trends. Trusted by global leaders such as Unilever, Danone, and L'Oréal, the platform replaces outdated survey-based methods with agile, automated research. This accelerates innovation cycles from months to days, making Bolt Insight a vital partner for brands seeking faster, data-driven consumer insights.

Country: United Kingdom
Website: www.boltinsight.com
Email: hakan.yurdakul@boltinsight.com
Founders' Affiliation: Harvard

Founding Team



**Hakan
Yurdakul**



**Kerem
Turgay**



Cashflowy.ai INC.

Bookkeeping but BETTER

- Artificial Intelligence (AI) • SaaS (Software as a Service)
- Finance • Financial Services

Cashflowy transforms a task every small business must tackle—but often dreads—into something faster, easier, more affordable, and even enjoyable. It is a 24/7 AI bookkeeper, invoicing assistant, tax professional, and financial expert. Specifically designed for solopreneurs—including coaches, consultants, freelancers, therapists, influencers, and practitioners—Cashflowy serves the largest and fastest-growing business segment with seamless financial management.

Country: United States
Website: www.cashflowy.ai
Email: community@cashflowy.ai
Founders' Affiliation: MIT

Founding Team



**Heidi
DeCoux**



**Niraj
Kumar**



Cytex, Inc.

AI Driven Cyber Risk, Compliance, and GRC Unified Platform

- **Artificial Intelligence (AI)** • **SaaS (Software as a Service)**
- **Cybersecurity**

Cytex simplifies cybersecurity with an AI-powered platform that unifies network operations, access management, third-party risk assessment, and compliance management—reducing costs, saving time, and ensuring comprehensive protection.

Key Features: Unified Security Platform – integrates multiple security functions for efficiency and security. Digital Twin – creates replicas of enterprise environments for predictive risk analysis and forensic investigations. Continuous Threat Exposure Management – identifies risks across IT, OT, IoT, and third-party systems. Automated Compliance & AI Remediation – ensures compliance with 12+ frameworks and automates fixes. Leo – AI Security Copilot – assists security teams with vulnerability discovery, reports, and remediation. LLM Firewall – restricts unauthorized LLM use, inspects prompts, and prevents sensitive data leaks.

Country: United States, United Arab Emirates
Website: www.cytex.io
Email: hello@cytex.io
Founders' Affiliation: MIT

Founding Team



**Andrew
Surwilo**



**Taimur
Aslam**



E62 Bio

Protecting children from Leukemia with just \$1

● **Biotechnology** • Healthcare • Medical Devices • Life Sciences • Pharmaceuticals
● **Manufacturing**

E62 Bio is a biotechnology company specializing in the development of innovative rapid test platform technologies for emerging markets. Its proprietary technology delivers fast, scalable, and highly accurate diagnostic solutions, setting new standards for efficiency and reliability. With a focus on addressing large-scale testing demands, E62 Bio combines advanced science and engineering to drive innovation in diagnostics and meet the evolving challenges of global healthcare.

Country: United States
Website: www.linkedin.com/in/cristiano-novack
Email: cristiano.novack@e62.bio
Founders' Affiliation: MIT

Founding Team



**Cristiano
Novack**



**Iheb
Chalouat**



**Lucas
Marinho**



**Maurício
Menossi**



Encore Health Solutions Inc.

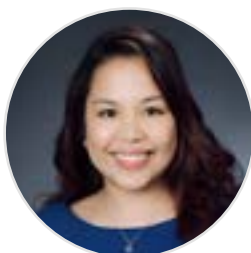
Decoding Healthcare

- Artificial Intelligence (AI) • SaaS (Software as a Service) • Information Technology (IT)
- Healthcare • Health and Wellness

Encore Health Solutions is a pioneering startup on a mission to revolutionize Revenue Cycle Management and Utilization Management in U.S. healthcare. Its first product, DeCodeX, streamlines and accelerates billing and follow-up processes, addressing inefficiencies and revenue losses caused by outdated RCM systems while also enhancing the overall financial health of hospitals.

Country: United States
Website: www.encore.health
Email: tabish@encore.health
Founders' Affiliation: MIT

Founding Team



**Dr. Christine
Palermo**



**Tabish
Sangrar**



**Zain
Patrawala**



HarvestAi

Harnessing the Power of Computer Vision and Machine Learning for Commercial Indoor Farming Operations

● **Artificial Intelligence (AI)** • **SaaS (Software as a Service)**

● **Agriculture**

HarvestAi revolutionizes indoor farming with an intelligent SaaS platform that leverages machine learning and computer vision to deliver 96% accurate crop growth insights and yield predictions. The platform helps farmers maximize yields, enhance quality, and boost revenue while reducing waste through predictive insights and resource efficiency.

Designed for vertical farms, greenhouses, and other setups, HarvestAi features a user-friendly interface for seamless operation. By promoting sustainable agriculture, it conserves water, energy, and critical inputs. As global demand for high-quality food grows, HarvestAi equips farmers with the tools to stay ahead of market challenges and minimize environmental impact, driving a profitable and sustainable future for indoor farming.

Country: Germany

Website: www.harvest-ai.com

Email: info@harvest-ai.com

Founders' Affiliation: MIT

Founding Team



**Clemens
Moeller**



**Georg
Caspary**



**Harald
Quintus**



Kadeya

Waste-Free Worker Hydration

- Food and Beverage
- Hardware • Hard Tech
- Sustainability • Environmental
- Logistics and Supply Chain

Kadeya transforms beverage logistics with its Hydration-as-a-Service model. Its patented kiosks wash, sanitize, inspect, and refill reusable bottles at the point of sale, reducing 99.9% of plastic waste, 75% of GHG emissions, and costs by up to one-third. By integrating bottling, dishwashing, and soda fountain functions, Kadeya provides tailored hydration for frontline workers. Decentralizing beverage production, it enhances sustainability, worker well-being, and cost efficiency, disrupting traditional beverage logistics.

Country: United States
Website: www.kadeya.com
Email: manuela@kadeya.com
Founders' Affiliation: MIT, Harvard

Founding Team



**Manuela
Zoninsein**



Kira

Adaptive Water Treatment with Any Energy Source

- Sustainability • Clean Energy
- Chemicals
- Hard Tech • Hardware
- Agriculture • Food and Beverage

Traditional desalination systems rely on constant power, limiting deployment. A new energy management strategy enables operation with variable power sources, including solar, wind, and fluctuating grids. Using electrochemical systems, modeling, and optimization, these solutions now serve previously inaccessible areas. Applications include treating produced water at oil and gas sites, desalinating brackish water for agriculture, providing drinking water in remote communities, and decarbonizing industrial plants.

Country: United States
Website: www.kira.eco
Email: info@harvest-ai.com
Founders' Affiliation: MIT

Founding Team



**Amos
Winter**



**Ben
Judge**



**Jon
Bessette**



**Shane
Pratt**



MathEarth

Innovative Solutions for Next Gen Pipelines

- **Artificial Intelligence (AI)** • **Cloud Computing**
- **Research and Development (R&D)**
- **Internet of Things (IoT)**

MathEarth specializes in delivering innovative solutions for next-generation pipeline systems. Its cutting-edge technologies—leveraging the power of the Internet of Things, machine learning, artificial intelligence, and cloud computing—enable real-time pipeline operation monitoring, automatic anomaly detection, event classification and localization, and operational analysis for urban water distribution networks.

To stay at the forefront of technological innovation, MathEarth is dedicated to assembling a world-class team of experts and conducting extensive research, revolutionizing pipeline management with smarter, more efficient, and more reliable solutions.

Country: United States
Website: www.mathearth.com
Email: manuela@kadeya.com
Founders' Affiliation: MIT

Founding Team



**Shiqing
Liu**



Rise

The premier Credit-Led AI-Powered Digital Bank in Egypt

- **Artificial Intelligence (AI)**
- **Financial Services • Lending / Loan Management**

RiseCo is Egypt's first AI-powered, credit-led digital bank, transforming how individuals and businesses access financial services. By leveraging cutting-edge artificial intelligence and advanced analytics, RiseCo delivers personalized credit solutions, seamless digital banking experiences, and innovative financial products. Its mission is to empower underserved communities and drive financial inclusion while fostering growth and prosperity across Egypt.

Country: United States
Website: www.riseco.ai
Email: contact@riseco.ai
Founders' Affiliation: MIT

Founding Team



**Abe
Abdulla**



**Elad
Shoushan**



**Monte
Magdy**



**Rotem
Hayoun-Meidav**



SILKPAY

Share2Pay

● **Financial Services** • **Crypto / Blockchain** • **Finance**

SILKPAY enables users to share their purchasing power instantly by providing real-time access to funds through instant card sharing with their loved ones who are underbanked or unbanked. The platform is democratizing transfers and payments by making the entire process smooth and seamless.

Country: United Arab Emirates
Website: www.silkpay.com
Email: Work@silksoftgroup.com
Founders' Affiliation: Harvard

Founding Team



**Gani
Uzbekov**



Vocadian

Predictive Voice AI Empowering Workers' Safety and Health

- **Artificial Intelligence (AI)** • **SaaS (Software as a Service)**
- **Health and Wellness**

Vocadian revolutionizes workplace safety and health for frontline workers with its voice AI-powered B2B SaaS platform, seamlessly integrating into compliance workflows. Through quick pre-shift speech tasks—without extra hardware—it enables predictive fatigue assessment and performance forecasting. Unlike reactive alternatives, Vocadian proactively mitigates risks before incidents occur. Expanding beyond fatigue, Vocadian will incorporate alcohol and substance detection and occupational disease prediction, creating a comprehensive safety ecosystem. Initially serving safety-critical industries—including transportation, logistics, mining, construction, and aviation—in LATAM and the U.S., Vocadian is set to redefine the standards for occupational safety and health worldwide.

Country: United States
Website: www.vocadian.ai
Email: business@vocadian.ai
Founders' Affiliation: MIT, Harvard

Founding Team



**Adolphus
Lau**



**Amy
Eginton**



**Yujie
Wang**



Xtraa

Transforming Cross-Border Trade Settlement and Finance

- Financial Services • Lending / Loan Management • Crypto / Blockchain
- Information Technology (IT) • SaaS (Software as a Service)
- Marketplace
- Internet of Things (IoT)

XTRAA is transforming cross-border trade with a smart escrow platform that modernizes the \$1T+ Southeast Asia trade market. By automating trade settlements, reducing counterparty risk, and connecting deals with capital, it creates new liquidity channels for trade finance. Addressing long settlement cycles, high fees, and limited financing, XTRAA offers a faster, more transparent, and efficient solution. Starting with the Southeast Asia-to-China rice corridor, it is poised to scale across trade routes and commodities, becoming the trusted infrastructure layer for cross-border trade settlement and financing.

Country: Hong Kong
Website: www.xtraa.io
Email: connect@xtraa.io
Founders' Affiliation: MIT

Founding Team



**Daniel
Chia**



**Gerardo
Lemus**



**Sangwon
Park**



Directory of Applicants

The Crimson Founders Demo Session
at the Future 100 Forum at Investopia
2025 and The Crimson Collective
Week in the United Arab Emirates

The 52 applicants span diverse industries, with AI leading at 52%, followed by SaaS (40%). Other key sectors include Healthcare (19%), Biotechnology (15%), and Analytics & Sustainability (13% each). Environmental, Hardware, and Life Sciences each represent 12%, while Education, Financial Services, IoT, Logistics & Supply Chain, Manufacturing, and R&D contribute 10% each. Climate, Food & Beverage, Hard Tech, Medical Devices, and Pharmaceuticals round out the pool at 8% each.

Amplified Industries, Inc.

- Artificial Intelligence (AI) • Analytics • SaaS (Software as a Service)
- Energy • Environmental • Sustainability
- Internet of Things (IoT)
- Logistics and Supply Chain

Amplified Industries revolutionizes oil and gas operations by bringing Industry 4.0 to the field. Its breakthrough high-bandwidth cloud platform combines cutting-edge AI with deep physics expertise to transform production operations. Through advanced telecom technology, it captures massive real-time data streams from wells and facilities, enabling truly intelligent operations. Operators can now manage their assets with unprecedented efficiency and environmental responsibility, thanks to its seamless IoT solution that integrates effortlessly with existing infrastructure.

Founders: Sebastien Mannai, Charles-Henri Clerget, Eric Zhang, Louis Creteur
Country: United States
Website: www.amplified.industries
Founders' Affiliation: MIT

Applied AI Corporation

- Artificial Intelligence (AI)

AppliedAI is an enterprise technology company focused on improving decision-making and operational efficiency in healthcare, insurance, financial services, life sciences, and government. Founded in London in 2021 and now headquartered in Abu Dhabi, it has over 100 employees across the US, Germany, UAE, and APAC. The company has raised over \$40 million from investors like G42, Bessemer Venture Partners, and Palantir. Its AI platform, Opus (Opus.com), automates critical back-office services traditionally handled by BPOs, integrating AI workflows with human expert reviewers to ensure accuracy. AppliedAI envisions a shift from the traditional FTE model to a decentralized "Human Expert Cloud," enabling freelance knowledge workers to provide high-quality, time-sensitive services on demand.

Founders: Arya H. Bolurfrushan
Country: United Arab Emirates
Website: www.aaico.com
Founders' Affiliation: Harvard

Avenir AI

- Artificial Intelligence (AI) • Analytics
- Healthcare

Employee benefits are the second-largest expense for companies, accounting for one-third of total compensation. However, managing them is challenging due to the lack of a unified system to handle vast data from medical claims, HRIS, vendor metrics, and regulations. Benefits professionals are burdened with manual, time-consuming processes in disorganized spreadsheets, which delay decisions and increase costs. Avenir AI is redefining benefits management by leveraging AI agents to automate complex tasks—analyzing trends, forecasting costs, generating content, selecting vendors, and benchmarking strategies in real time. This empowers benefits professionals to make informed decisions quickly and efficiently.

Founders: Maria Zou, Ariadne Dulchinos
Country: United States
Website: www.avenir.com.ai
Founders' Affiliation: MIT

Bolt Insight Limited

- AdTech • Marketing and Advertising
- Analytics • Artificial Intelligence (AI) • SaaS (Software as a Service)

Bolt Insight is a research platform transforming consumer understanding through AI-powered qualitative research. Its AI moderator, BoltChatAI, automates the research process, from recruiting target audiences and facilitating conversations to analyzing responses and delivering insights. By leveraging voice-to-voice research, social listening, predictive analytics, and text-to-visual tools, Bolt Insight enables brands to co-create solutions while identifying real-time trends. Trusted by global leaders such as Unilever, Danone, and L'Oréal, the platform replaces outdated survey-based methods with agile, automated research. This accelerates innovation cycles from months to days, making Bolt Insight a vital partner for brands seeking faster, data-driven consumer insights.

Founders: Hakan Yurdakul, Kerem Turgay
Country: United Kingdom
Website: www.boltinsight.com
Founders' Affiliation: Harvard

Boost.Money

- Financial Services • Lending / Loan Management • Crypto / Blockchain
- Artificial Intelligence (AI) • Analytics • SaaS (Software as a Service)

Boost.Money is an AI platform that accurately understands, correlates, and makes decisions based on consented financial data for lenders and financial institutions. It addresses the challenges of fragmented consumer-consented data and the limitations of existing AI models in handling financial datasets with precision. Boost.Money integrates data from various sources, including credit bureaus, banks, cards, taxes, investments, and more, offering a comprehensive solution to the broken credit scoring chain.

Founders: Prashant Paliwal, Sumanta Das
Country: United States
Website: www.boost.money
Founders' Affiliation: MIT

CartaBio

- Biotechnology • Life Sciences • Healthcare
- Artificial Intelligence (AI)
- Research and Development (R&D)

Cartabio is founded on the belief that in biology, genes function as syntax and cells as applications, meaning the optimal way to develop drugs is by addressing cell behavior rather than solely targeting genes. The conventional focus on “fixing genes” contributes to the 90% failure rate in drug discovery. It leverages proprietary single-cell spatial technology combined with generative AI to therapeutically rewire the intelligence of pathogenic immune cells.

Founders: Rob Yang, Ralph Weissleder, Hongzhi Wen
Country: United States
Website: www.cartabio.ai
Founders' Affiliation: MIT

Cashflowy.ai INC.

● Finance • Financial Services

● SaaS (Software as a Service)

Cashflowy transforms a task every small business must tackle—but often dreads—into something faster, easier, more affordable, and even enjoyable. It is a 24/7 AI bookkeeper, invoicing assistant, tax professional, and financial expert. Specifically designed for solopreneurs—including coaches, consultants, freelancers, therapists, influencers, and practitioners—Cashflowy serves the largest and fastest-growing business segment with seamless financial management.

Founders: Heidi DeCoux, Niraj Kumar

Country: United States

Website: www.cashflowy.ai

Founders' Affiliation: MIT

Cipher

● Finance • Financial Services

Most people carry multiple credit cards, each with unique benefits—cashback on gas, rewards on dining, groceries, or travel—but remembering which card to use can be overwhelming. Cipher is a smart digital wallet that optimizes credit card rewards effortlessly. By integrating all cards into one virtual wallet, it automatically selects the best card for every purchase, maximizing rewards in real time. Unlike Apple Pay or Samsung Pay, Cipher guarantees the highest benefit for every transaction. Whether saving for a dream vacation, a new Peloton, or investing in crypto, Cipher ensures rewards are fully utilized—keeping more money in your pocket.

Founders: Ahmed Mady, Michael McAlpin, Jesse Honiberg

Country: United States

Website:

Founders' Affiliation: MIT, Harvard

Cytex, Inc.

● Cybersecurity

● Artificial Intelligence (AI) • SaaS (Software as a Service)

Cytex is revolutionizing how organizations address the growing complexity of cybersecurity threats with a full-spectrum, AI-powered platform that integrates network operations, access management, third-party risk assessment, and compliance management into a single, cohesive solution. Its unified resilience approach saves time and costs while delivering persistent protection across devices, IT, IoT, OT, and networks.

Founders: Andrew Surwilo, Taimur Aslam

Country: United States, United Arab Emirates

Website: www.cytex.io

Founders' Affiliation: MIT

DreamBox Research Inc.

● AdTech

● Artificial Intelligence (AI)

New Frame AI is transforming video advertising with generative AI. Its platform enables businesses to produce high-quality video ads in minutes, drastically reducing production time and costs. By combining AI-driven video creation with advanced campaign optimization tools, it makes professional video advertising accessible and impactful for businesses of all sizes.

Founders: Arjin Roni Simsek, Ata Nizamoğlu, Oğuz Silahtar

Country: United States

Website: www.newframe.ai

Founders' Affiliation: MIT

E62 Bio

● **Biotechnology** • **Life Sciences** • **Medical Devices** • **Pharmaceuticals** • **Healthcare**
● **Manufacturing**

E62 Bio is a biotechnology company specializing in the development of innovative rapid test platform technologies for emerging markets. Its proprietary technology delivers fast, scalable, and highly accurate diagnostic solutions, setting new standards for efficiency and reliability. With a focus on addressing large-scale testing demands, E62 Bio combines advanced science and engineering to drive innovation in diagnostics and meet the evolving challenges of global healthcare.

Founders: Cristiano Novack, Lucas Marinho, Iheb Chalouat, Maurício Menossi
Country: United States
Website: <https://www.linkedin.com/in/cristiano-novack/>
Founders' Affiliation: MIT

Encore Health Solutions Inc.

● **Healthcare** • **Health and Wellness**
● **Artificial Intelligence (AI)** • **SaaS (Software as a Service)** • **Information Technology (IT)**

Encore Health Solutions is a pioneering startup on a mission to revolutionize Revenue Cycle Management and Utilization Management in U.S. healthcare. Its first product, DeCodeX, streamlines and accelerates billing and follow-up processes, addressing inefficiencies and revenue losses caused by outdated RCM systems while also enhancing the overall financial health of hospitals.

Founders: Tabish Sangrar, Zain Patrawala, Dr. Christine Palermo
Country: United States
Website: www.encore.health
Founders' Affiliation: MIT

EVCharz Inc.

● **Energy** • **Clean Energy**

● **Automotive**

EVCharz.com is a systems company transforming EV charging through innovative, universal green charging solutions featuring advanced hardware and software modules. As a leading supplier of EV charging systems on Amazon.in, it has recently signed an MOU with a major Asian battery manufacturer to develop universal DC charging systems for two- and three-wheeler EVs.

Founders: Nitesh Seth, Prashant Paliwal

Country: United States, India

Website: www.evcharz.com

Founders' Affiliation: MIT

Fastagger

● **Artificial Intelligence (AI)** • **Cloud Computing** • **Developer Tools** •

SaaS (Software as a Service) • **Telecommunications**

● **Hardware** • **Internet of Things (IoT)**

● **Research and Development (R&D)**

Fastagger specializes in developing platforms and orchestration tools to optimize machine learning models for edge devices, particularly in low-resource contexts. Their technology leverages advanced techniques such as model compression, secure local processing, and efficient cross-platform compatibility to ensure high-performance edge computing. Focused on addressing complex challenges, Fastagger currently emphasizes solutions within the TelcoAI space.

Founders: Mutembei Kariuki, Jude Mwenda, Stephanie Njerenga

Country: United States

Website: www.fastagger.com

Founders' Affiliation: MIT

Functional Fluidics

● **Biotechnology** • **Life Sciences** • **Healthcare**

Functional Fluidics is a global health technology company improving red blood cell (RBC) health through Real-World Evidence (RWE), Clinical Trial Data (CTD), and advanced medical insights. Based in Detroit and Lagos, it addresses RBC-related conditions, starting with Sickle Cell Disease (SCD), and enhances inclusion in clinical trials to reduce health disparities in an \$81 billion market. Leveraging RBC health data, multi-omics, and digital biomarkers, it creates comprehensive patient profiles that improve diagnostics and enable targeted therapies. Founded in 2014 by CEO Patrick Hines, MD/PhD, Functional Fluidics is driving innovation in RBC health.

Founders: Dr. Patrick Hines, Dr. Wilmot Allen

Country: United States

Website: www.functionalfluidics.com

Founders' Affiliation: Harvard

GuideAI Health

● **Artificial Intelligence (AI)** • **SaaS (Software as a Service)**

● **Biotechnology** • **Life Sciences** • **Medical Devices** •
Healthcare • **Health and Wellness**

GuideAI Health is revolutionizing cardiovascular diagnostics with an advanced AI platform designed to enhance radiologist expertise and improve patient outcomes. Built by clinicians and AI/ML experts in medical imaging, its algorithms rapidly detect millimeter-sized disease markers, reducing diagnostic errors. Its SaMD platform focuses on the early detection of Peripheral Vascular Disease (PVD), a chronic vascular condition affecting over 230 million people globally, who are at six times the risk of heart attack and stroke. Through proprietary AI models that convert raw imaging data into structured reports and seamlessly integrate into workflows, its first product, VascularAssist, delivers actionable insights to enhance surgical precision and guide personalized care.

Founders: Raj Shah, Luke Higgins

Country: United States

Website: www.guideaihealth.com

Founders' Affiliation: MIT

HarvestAi

● **Artificial Intelligence (AI)** • **SaaS (Software as a Service)**

● **Agriculture**

HarvestAi is transforming indoor farming with a SaaS platform that uses machine learning and computer vision to provide precise crop growth insights and yield predictions with 96% accuracy. Its mission is to help farmers maximize yields, enhance crop quality, and increase revenue while reducing waste and conserving resources. Adaptable to various farming setups, from vertical farms to large-scale greenhouses, the platform features a user-friendly interface for seamless operation. As demand for sustainable, high-quality food grows, HarvestAi equips farmers with data-driven tools to stay ahead of market challenges while minimizing environmental impact. Through innovation and precision, it empowers the next generation of agriculture, creating a more sustainable and profitable future for indoor farming.

Founders: Harald Quintus, Georg Caspary, Clemens Moeller

Country: Germany

Website: www.harvest-ai.com

Founders' Affiliation: MIT

Health Galaxy

● **Artificial Intelligence (AI)** • **Analytics**

● **Healthcare** • **Health and Wellness** • **Fitness**

Health Galaxy is creating a co-pilot for younger adults to proactively manage their heart health in a social and engaging way. Its vertical AI agent seamlessly integrates with wearables, WhatsApp chats, and diagnostic tests, providing personalized guidance and support throughout the heart health journey. By combining technology and community, Health Galaxy empowers users to take charge of their well-being with ease and confidence.

Founders: Dhruv Bathla, Arman Jain, Dr. Namit Choksi

Country: India

Website: www.healthgalaxy.org

Founders' Affiliation: MIT

Helix Carbon, Inc.

- Chemicals
- Climate • Environmental • Sustainability
- Hardware

Helix Carbon produces electrolyzers with dramatically improved system lifetimes to convert point-source carbon dioxide into useful chemicals. Its novel catalyst coating techniques enable stability in mixed gas streams and conversion even at low CO₂ concentrations, eliminating the need for separate carbon capture in many applications. Coupled with its ability to adjust the ratio of carbon monoxide and hydrogen produced, Helix Carbon provides drop-in, carbon-neutral reducing gases to decarbonize the iron industry.

Founders: Evan Haas, David Brown, Dr. Ariel Furst
Country: United States
Website: www.helixcarbon.co
Founders' Affiliation: MIT

Hexembio Inc.

- Biotechnology • Life Sciences • Pharmaceuticals • Healthcare

HeXem Bio, a leading longevity biotechnology firm, has developed the world's first rejuvenated hematopoietic stem cell therapy. This groundbreaking approach leverages synthetic biology technology to reverse aging in blood stem cells, enhancing immune function and extending healthy lifespans without genetic modification. Published in prestigious journals such as Nature and featured in the New York Times and on NASDAQ, its technology has completed preclinical animal studies and secured Orphan Designation for its first IND. Co-founder Samira Kiani recently received the U.S. Presidential Award for this innovative work. HeXem Bio's expert team includes two MDs and two PhDs from MIT and UC Berkeley, second-time founders, and Y Combinator alumni. The company is backed by renowned investors, including Draper VC, SOSV, Venture Science, and Schox.

Founders: Gabriel Levesque Tremblay, Mo Ebrahimkhani, Samira Kiani, Joshua Hislop
Country: United States
Website: www.hexemb.io
Founders' Affiliation: MIT

iQ3Connect

- **Augmented Reality (AR) • Virtual Reality (VR)**
- **Information Technology (IT) • SaaS (Software as a Service)**

iQ3Connect is transforming how complex industries, such as aerospace and advanced manufacturing, train and collaborate through scalable, sustainable 3D virtual environments. Its platform enables companies to digitize intricate products and processes, capture critical corporate knowledge, and make it accessible in real-time to global teams. By reducing the need for costly physical interactions and offering fast, no-code training digitization with seamless browser-based access, iQ3Connect revolutionizes design, training, and operational efficiency at scale, driving sustainable innovation across industries.

Founders: Ali Merchant
Country: United States
Website: www.iq3connect.com
Founders' Affiliation: MIT

Kadeya

- **Food and Beverage**
- **Hardware • Hard Tech**
- **Sustainability • Environmental**
- **Logistics and Supply Chain**

Kadeya eliminates the environmental and logistical inefficiencies of the beverage industry through its Hydration-as-a-Service model. Its patented beverage kiosks wash, sanitize, inspect, and refill reusable bottles at the point of sale, reducing 99.9% of plastic waste, 75% of greenhouse gas (GHG) emissions, and up to one-third of costs compared to single-use beverages. These kiosks integrate bottling plant, dishwasher, and soda fountain functionalities, providing tailored hydration solutions for frontline workers in industrial settings. By decentralizing beverage production and enabling corporate employers to ensure worker safety and well-being, Kadeya offers a scalable platform that disrupts traditional beverage logistics while achieving superior sustainability outcomes.

Founders: Manuela Zoninsein
Country: United States
Website: www.kadeya.com
Founders' Affiliation: MIT, Harvard

Kapitale

- Financial Services • Finance • Lending / Loan Management
- Artificial Intelligence (AI)

Kapitale is a fintech transforming SME financing in Brazil by offering innovative credit solutions backed by receivables. Its cutting-edge B2B payment platform, Pague com Kapi, empowers small and medium-sized businesses to scale efficiently by using receivables to purchase inventory and materials from partner suppliers. By fostering growth and financial inclusion, Kapitale is driving a new era of opportunity for Brazil's retail ecosystem.

Founders: Anderson Pereira
Country: Caymann Island (British Overseas Territory), United States, Brazil
Website: www.kapitale.com.br
Founders' Affiliation: MIT

Kira

- Sustainability • Clean Energy
- Chemicals
- Hard Tech • Hardware
- Agriculture • Food and Beverage

Desalination and water treatment equipment have historically operated with constant power, limiting the environments and applications in which they can be deployed. A new energy management and control strategy now enables desalination and water treatment systems to operate with any variable power source—including renewable energy such as solar and wind—while also accommodating grid intermittencies and price fluctuations. By utilizing electrochemical systems and leveraging advanced modeling, optimization, and control theory, these desalination systems can serve previously inaccessible environments. Applications include concentrating produced water at decentralized oil and gas sites, desalinating brackish water for agriculture, treating drinking water in remote communities, and decarbonizing large-scale municipal and industrial plants.

Founders: Jon Bessette, Ben Judge, Shane Pratt, Amos Winter
Country: United States
Website: www.kira.eco
Founders' Affiliation: MIT

MakerSharks Inc.

- Artificial Intelligence (AI) • SaaS (Software as a Service)
- Hardware
- Healthcare • Medical Devices
- Manufacturing

MakerSharks simplifies the complexities of hardware manufacturing. Establishing a manufacturing supply chain typically takes 11 months, but it saves nine of those by automating critical tasks. With just one click, users can upload their bill of materials to access vetted manufacturers, automate quotes, and generate purchase orders, saving teams 80% of their time to focus on creating exceptional products.

Founders: Somesh Jaiswal, Chetan Vidhate
Country: United States
Website: www.makersharks.com
Founders' Affiliation: MIT

MathEarth

- Artificial Intelligence (AI) • Cloud Computing
- Research and Development (R&D)
- Internet of Things (IoT)

MathEarth specializes in delivering innovative solutions for next-generation pipeline systems. Its cutting-edge technologies—leveraging the power of the Internet of Things, machine learning, artificial intelligence, and cloud computing—enable real-time pipeline operation monitoring, automatic anomaly detection, event classification and localization, and operational analysis for urban water distribution networks. To stay at the forefront of technological innovation, MathEarth is dedicated to assembling a world-class team of experts and conducting extensive research, revolutionizing pipeline management with smarter, more efficient, and more reliable solutions.

Founders: Mr. Honghai Bi, Dr. Shiqing Liu
Country: United States
Website: www.mathearth.com
Founders' Affiliation: MIT

Milas.AI

- **Biotechnology** • **Life Sciences** • **Pharmaceuticals** •
Biomanufacturing • **Health and Wellness** • **Healthcare**
- **Artificial Intelligence (AI)**
- **Research and Development (R&D)**

Milas.ai is developing a task-specific, foundational Structured Language Model (SLM) to revolutionize biomanufacturing for advanced therapies. By integrating cutting-edge AI technologies, it aims to enhance precision, optimize processes, and drive efficiencies in the production of cell and gene therapies. Its approach addresses the complexities of scaling up manufacturing processes, ensuring high-quality and cost-effective solutions for patients.

Founders: Izzet Agoren, Cenk Sumen

Country: United States

Website: www.milas.ai

Founders' Affiliation: MIT

ML Tech

- **Financial Services** • **Crypto / Blockchain** • **Finance**

ML Tech is a digital assets investment platform that uniquely provides optimized blended portfolios and bespoke products tailored to meet diverse investment objectives and risk appetites. Investors gain access to a curated array of delta-neutral, market-neutral, and beta trading strategies via the ML Tech platform. ML Tech offers comprehensive solutions that bridge the gap between institutional investors and unique alpha opportunities available exclusively in digital asset markets. Its team brings decades of proven experience in high-frequency trading (HFT) and quantitative trading, successfully creating and deploying digital asset trading strategies with optimized execution and exchange connectivity.

Founders: Leo Mindyuk, Markus Leballeux

Country: United States

Website: www.mltech.ai

Founders' Affiliation: MIT

Monki Tox

- Artificial Intelligence (AI)
- Health and Wellness
- Education

Monki Tox is the world's first AI-powered parenting partner dedicated to enhancing children's mental well-being and character development. Designed for kids aged 2-10, its platform offers personalized, screen-free modules that nurture emotional resilience, social skills, and positivity. With measurable outcomes, Monki Tox supports holistic growth and empowers parents to raise emotionally healthy and socially adept children.

Founders: Divya Iyer, Nandha Kumar Mohanarangan
Country: India
Website: www.monkitox.com
Founders' Affiliation: MIT

NetaCarbon

- Sustainability • Environmental
- SaaS (Software as a Service)

NetaCarbon is a pioneering firm dedicated to restoring integrity within the carbon market by facilitating investments in high-quality, customized carbon projects. By directly connecting corporations with project developers, NetaCarbon enables companies to align their carbon strategies with their brand identities, ensuring compliance with regulations and bolstering brand positioning. Their platform offers a comprehensive suite of services, including project sourcing, real-time tracking, and streamlined reporting, all designed to integrate seamlessly into existing workflows. This approach empowers businesses to make informed, impactful decisions that contribute to global climate action.

Founders: Grace Lam, Maria del Mar Velasco
Country: United States
Website: www.netacarbon.com
Founders' Affiliation: MIT, Harvard

Novelna Inc.

● Biotechnology

Novelna is revolutionizing cancer detection with innovative blood tests that identify early-stage cancers before symptoms appear. Backed by 12 patents, strategic partnerships with leading laboratories, and a scalable approach, it is poised to transform diagnostics and address a \$40 billion market, paving the way for earlier interventions and improved patient outcomes.

Founders: Ashkan Afshin

Country: United States

Website: www.novelna.com

Founders' Affiliation: Harvard

Nugttah

● Artificial Intelligence (AI) • Analytics • Information Technology (IT) • SaaS (Software as a Service)

● Food and Beverage

Nugttah is a leading SaaS platform specializing in customer engagement, retention, and merchant empowerment for the F&B sector. Its innovative solutions, including the Wiser package, streamline customer experience management, helping businesses grow online orders and maximize ROI.

Founders: Sumayah Al Zamil, Shahaleel, Madhawi Al Zamil

Country: United Arab Emirates

Website: www.nugttah.com

Founders' Affiliation: MIT

otomo

- **Artificial Intelligence (AI)** • **Analytics** • **SaaS (Software as a Service)**
- **Healthcare** • **Health and Wellness**

Otomo leverages real-time voice AI and machine learning to streamline healthcare revenue cycle management and automate administrative tasks, starting with gastrointestinal endoscopies. Over time, it aims to build a leading voice repository to unlock healthcare insights, improve patient access to quality care, and empower individuals to make optimal health decisions. Its voice and text AI agents analyze behavioral data to engage patients, reinforce health literacy, and predict no-shows. By providing full visibility into patient preparation progress, it reduces no-shows by over 60%, maximizes OR utilization, boosts annual revenue by \$450,000 per practice, reduces administrative burdens, and enhances the patient experience.

Founders: Mike Sanchez, Kevin Yang, Kiyo Takanishi

Country: United States

Website: www.otomohealth.com

Founders' Affiliation: MIT

ProNest

- **Artificial Intelligence (AI)** • **Developer Tools** • **SaaS (Software as a Service)**

ProNest is a forward-thinking company on a mission to create an AI-focused freelance marketplace. It aims to aggregate top-tier Indian talent, provide upskilling opportunities in the most in-demand market requirements, and empower freelancers to thrive in the growing freelance ecosystem. Its vision is to help bridge the gap between skilled professionals and global opportunities, driving economic growth and innovation for India's freelance workforce.

Founders: Ashish Gupta, Akshit Singla

Country: India

Website: www.pronest.co.in

Founders' Affiliation: MIT

Reer

● 3D Printing

● Artificial Intelligence (AI) • SaaS (Software as a Service)

Reer is the first AI-native engineering software designed specifically for additive manufacturing (AM). It empowers AM businesses and manufacturers to accelerate the design-to-manufacturing process, making it twice as fast. With Reer, companies can also build their own AI engineers, revolutionizing the way they approach design and production in the AM industry.

Founders: Connie Hui, Zhishen Chen

Country: United States

Website: www.reer.co

Founders' Affiliation: Harvard

Rise

● Financial Services • Lending / Loan Management

● Artificial Intelligence (AI)

RiseCo is Egypt's first AI-powered, credit-led digital bank, transforming how individuals and businesses access financial services. By leveraging cutting-edge artificial intelligence and advanced analytics, RiseCo delivers personalized credit solutions, seamless digital banking experiences, and innovative financial products. Its mission is to empower underserved communities and drive financial inclusion while fostering growth and prosperity across Egypt.

Founders: Monte Magdy, Elad Shoushan, Abe Abdulla, Rotem Hayoun-Meidav

Country: United States

Website: www.riseco.ai

Founders' Affiliation: MIT

SILKPAY

● Finance • Financial Services • Crypto / Blockchain

SILKPAY enables users to share their purchasing power instantly by providing real-time access to funds through instant card sharing with their loved ones who are underbanked or unbanked. The platform is democratizing transfers and payments by making the entire process smooth and seamless.

Founders: Gani UZBEKOv
Country: United Arab Emirates
Website: www.silkpay.com
Founders' Affiliation: Harvard

Saathi

● Climate • Sustainability
● Health and Wellness
● Manufacturing

Saathi is a purpose-driven company specializing in eco-friendly menstrual hygiene products made from natural, biodegradable materials like banana and bamboo fibers. Its innovative approach eliminates plastic waste while promoting health and environmental sustainability. By creating 100% compostable sanitary pads that degrade within six months, Saathi addresses critical challenges in women's health and waste management. Dedicated to community impact, it employs women from local communities and ensures an ethical supply chain. Recognized globally for its sustainable business model, Saathi combines cutting-edge technology with a commitment to creating healthier, more sustainable solutions for women and the planet.

Founders: Kristin Kagetsu, Tarun Bothra
Country: India
Website: www.saathipads.com
Founders' Affiliation: MIT

schooledX LLC, Boston

● Education

SchooledX is an EdTech social media platform designed for students aged 13-25, offering curated educational content from top experts across various fields. With optimized categorization, it features subjects such as chemistry, biology, nature, history, and computer science, connecting students with museums, artists, athletes, and informational influencers. SchooledX fosters learning and discovery in an engaging and streamlined way.

Founders: Boaz Daniel
Country: United States
Website: www.schooledx.org
Founders' Affiliation: MIT, Harvard

Senstile

● Artificial Intelligence (AI) • SaaS (Software as a Service)

● Hardware

● Climate • Sustainability • Environmental

● Manufacturing

● Logistics and Supply Chain

● Virtual Reality (VR)

Senstile revolutionizes material sourcing by utilizing material AI and patented material digital fingerprint technology to seamlessly connect brands, factories, and suppliers. Its platform accelerates production processes, reduces waste, and promotes sustainability, enabling smarter, faster, and more efficient manufacturing across industries.

Founders: Diego Ariza, Zhanna Naymankhanova, Manuel Romero
Country: Spain
Website: www.senstile.com
Founders' Affiliation: MIT

Sequel Pharmaceuticals

● **Biotechnology** • **Life Sciences** • **Pharmaceuticals** • **Healthcare**

Sequel Pharmaceuticals is a longevity-focused company dedicated to developing the first FDA-approved drug targeting aging.

Founders: Jennifer Lin

Country: United States

Website:

Founders' Affiliation: MIT

Sincrolab

● **Health and Wellness** • **Medical Devices** • **Healthcare**
● **Artificial Intelligence (AI)** • **SaaS (Software as a Service)**
● **Gaming**
● **Hard Tech**

Sincrolab is a digital health company specializing in AI-driven, video game-based neurological digital therapeutics. Their mission is to transform patients' lives through innovative and personalized digital treatments for cognitive diseases. Their technology is the first certified digital therapeutic for mental health in Spain (CE mark class 2a), and their AI is patented. They have developed the first prescription digital therapeutic for children with ADHD, with additional treatments in the pipeline for adult ADHD, mild cognitive impairment, and stroke.

Founders: Ignacio de Ramón, Alfonso Hernández-Maureta López

Country: Spain

Website: www.sincrolab.es

Founders' Affiliation: MIT

Skarvo, Inc.

● Artificial Intelligence (AI)

● Media

Skarvo is a groundbreaking smart social app designed to simplify and enrich communication among close friends and family. Combining on-device AI and an intuitive design, it enables users to send messages, share locations, manage expenses, coordinate schedules, create lists, and relive memories—all in one secure platform. Beyond communication, it offers innovative tools like personalized greeting cards, polls, and notes to foster meaningful connections. Available in 175 countries and 38 languages, Skarvo prioritizes privacy and safety while redefining how people connect, collaborate, and support their loved ones. Launching in February 2025, it is set to transform the way relationships are experienced.

Founders: Suhail Ahmad, Dheeraj Goswami, Ammar Ahmed

Country: United States

Website: skarvo-com.webflow.io

Founders' Affiliation: MIT

Spectrohm, Inc.

● Government • Defense • Security

● Logistics and Supply Chain

● Hard Tech

● Virtual Reality (VR)

Spectrohm develops high-speed, high-throughput internal inspection systems for small bags, packages, and personal property. Current human-centric tools inspect only 3% of the 400 billion bags and packages that move each year, resulting in \$100 billion in losses due to fraud, errors, hazards, and threats. Spectrohm's patented technology identifies hidden contents within bags and boxes, enabling an automated future where 100% of items are inspected. The company has received over \$5 million in U.S. government support to enhance the inspection of international eCommerce and air cargo.

Founders: Tim Cargol, Leo Ludwick

Country: United States

Website: www.spectrohm.com

Founders' Affiliation: MIT

Stochastic

- **Artificial Intelligence (AI)** • **Cloud Computing** •
Information Technology (IT) • **SaaS (Software as a Service)**
- **Financial Services** • **Insurance**
- **Health and Wellness**

Stochastic is developing the next generation of AI agents capable of conducting natural, real-time conversations through text and voice while maintaining advanced reasoning capabilities. Overcoming the traditional latency-intelligence tradeoff, their full-stack AI agent system transforms industry challenges into strategic advantages. By leveraging specialized models that ensure both speed and intelligence, they cater to highly regulated industries where performance and compliance are equally critical.

Founders: Glenn Ko, Yuji Chai
Country: United States
Website: www.stochastic.ai
Founders' Affiliation: Harvard

Sumac

- **Food and Beverage**
- **e-Commerce**

Sumac is the UAE's first gourmet ready-to-cook meal kit delivery service, specializing in authentic Middle Eastern recipes. It brings grandmother's cherished dishes to your kitchen with fresh, pre-portioned ingredients that make dinner preparation simple, hassle-free, and full of flavor. Sumac ensures every meal is authentic, healthy, and a delightful culinary experience.

Founders: Maan Sarast, Hania Maraqa
Country: United Arab Emirates, United States
Website: www.sumac.ae
Founders' Affiliation: MIT

Trofee

● Entertainment

● e-Commerce

Trofee is MENA's first live video shopping platform, blending real-time livestreaming, e-commerce, and entertainment to redefine how communities buy and sell online. It creates a dynamic, trust-focused marketplace where buyers and sellers connect through interactive live streams, live auctions, and storytelling, bringing back the excitement, discovery, and connection to online shopping. While this innovative format is gaining traction in North America and Southeast Asia, Trofee is uniquely pioneering it in the MENA region, transforming the e-commerce experience for local communities.

Founders: Amine Mamlouk, Ed Sabbagh, Nick Tran

Country: United Arab Emirates

Website: www.trofee.live

Founders' Affiliation: Harvard

VarsityX

● Education

At VarsityX, it is transforming education by bridging classroom learning with real-world skills to empower the next generation of innovators and leaders. Its hands-on programs provide students with practical experiences, industry mentorship, and professional development opportunities, equipping them for success in today's job market. Through strong partnerships with top universities and leading corporations, VarsityX is building a dynamic platform that fosters seamless transitions from education to careers. Joining it means cultivating a vibrant community where students thrive, unlocking their potential and shaping a brighter future.

Founders: Chetan Bhargava, Divya Chawla

Country: India

Website: www.varsityx.co

Founders' Affiliation: MIT

Vocadian

- **Artificial Intelligence (AI)** • **SaaS (Software as a Service)**
- **Health and Wellness**

Vocadian revolutionizes safety and health management for frontline workers with its voice AI-powered B2B SaaS platform. Seamlessly integrating into compliance workflows, it enables predictive fatigue assessment and performance forecasting through quick pre-shift speech tasks—without extra hardware. Starting with fatigue risk management, it is expanding to alcohol and substance detection and occupational disease prediction, creating a comprehensive safety ecosystem. Unlike reactive alternatives, Vocadian takes a predictive approach to workplace risks. Serving safety-critical industries in LATAM and the U.S., with plans for global expansion, it sets a new standard for occupational safety and health.

Founders: Yujie Wang, Amy Eginton, Adolphus Lau, Joachim Asare, Dr. Sherman Charles, Antonio Laso Olivares

Country: United States

Website: www.vocadian.ai

Founders' Affiliation: MIT, Harvard

Xtraa

- **Financial Services** • **Lending / Loan Management** • **Crypto / Blockchain**
- **Information Technology (IT)** • **SaaS (Software as a Service)**
- **Marketplace**
- **Internet of Things (IoT)**

XTRAA is transforming cross-border trade infrastructure with a smart escrow platform modernizing Southeast Asia's \$1T+ international trade market. By automating settlements, reducing counterparty risk, and unlocking liquidity, it streamlines trade finance. Addressing long settlement cycles, high fees, and limited financing, XTRAA offers a more efficient, transparent solution. Starting with the Southeast Asia-to-China rice corridor, it aims to scale across trade routes and commodities, becoming the trusted infrastructure for cross-border trade settlement and financing.

Founders: Sangwon Park, Daniel Chia, Gerardo Lemus

Country: Hong Kong

Website: www.xtraa.io

Founders' Affiliation: MIT

ZanArtts – The African School Of The Arts

● Education

● Entertainment • Media

ZanArtts is dedicated to advancing arts education in Africa and enriching the global arts community. Focused on high school arts students (ages 13-18) and their parents, it provides an affordable alternative to costly after-school programs, empowering young creatives to pursue artistic careers. With a curriculum spanning Media Arts, Visual Arts, Music, Dance, and Theatre Arts, it nurtures entrepreneurship, creative thinking, and skill development tailored to students' talents. By celebrating African heritage, ZanArtts fosters cultural pride and equips students to excel in their chosen fields while embracing their identity.

Founders: Anne 'Nimo' Mathenge-Waweru

Country: Kenya

Website: www.zanartts.com

Founders' Affiliation: Harvard

Zero 2 Infinity

● Aerospace

● Transportation

● Sustainability

● Defense

● Research and Development (R&D)

● Hardware • Hard Tech

Zero 2 Infinity takes a shortcut to space using balloons. From sustainable space tourism to affordable national defense, it is paving the way for profitable and world-changing markets, revolutionizing access to space with innovative and sustainable solutions.

Founders: Jose Mariano Lopez-Urdiales

Country: Spain

Website: www.zero2infinity.space

Founders' Affiliation: MIT



Our Partners

Acknowledgment

We extend our deepest gratitude to our distinguished partners—Investopia, Future100, DMCC, Dubai Future Foundation, and Al Tamimi & Company—for their collaboration with Crimson Founders in organizing The Crimson Collective Week 1.0 and welcoming the Crimson Founders 2025 cohort to the UAE. Their partnership has played a pivotal role in bridging visionary founders, cutting-edge innovation, and the UAE, empowering founders to expand into a nation committed to building a better future. Together, we are building an ecosystem where exceptional startups and breakthrough innovation connect with key resources and industry leaders, further strengthening the UAE's position as a global hub for talent and transformative ideas.



[Investopia.ae](https://investopia.ae)

Investopia is a global platform dedicated to connecting investors, business leaders, and governments to identify new investment opportunities, drive growth, and incubate future economies. By convening influential stakeholders, Investopia explores key trends shaping the global economy, unlocks investment prospects, and fosters collaboration to build a foundation for a brighter future. Their mission is to create a dynamic investment hub where global stakeholders, capital, and opportunities converge to drive growth in today's economies and give birth to new ones.



Future100.ae

Future100 is a national initiative launched by the UAE's Ministry of Economy in partnership with the Minister of State for Government Development and the Future. The program aims to list and accelerate startups and scale-ups that are making promising contributions to the UAE's future economic sectors. Its objectives include accelerating the growth of promising UAE 'Future Economy' SMEs, encouraging investment in these companies, strengthening the UAE's position as a startup and scale-up nation, and supporting the sustainable growth of the 'Future Economy' ecosystem.



DMCC.ae

DMCC (Dubai Multi Commodities Centre) is a global hub for business, trade, and commerce, home to over 25,000 companies ranging from startups to multinational corporations. Situated in the heart of Dubai, DMCC offers a smart, sustainable, and vibrant destination featuring world-class offices, residential, leisure, and retail facilities. Recognized as the world's leading trade and enterprise hub for commodities, DMCC is the destination of choice for firms specializing in precious stones and metals, agri-products, energy, digital assets, and a diverse range of products and services.



مؤسسة دبي للمستقبل
DUBAI FUTURE FOUNDATION

DubaiFuture.ae

The Dubai Future Foundation (DFF) is dedicated to shaping Dubai's future through innovation and collaboration with public and private sectors. Established to position Dubai as a leading future city, DFF focuses on initiatives like accelerator programs, incubators, and labs to foster a cohesive innovation ecosystem. Its strategic areas include Future Foresight, Content Dissemination, Capacity Building, Future Design, and Experience. Through these efforts, DFF aims to make Dubai a global hub for transformative ideas and technologies.



Al Tamimi & Company

Established in 1989, Al Tamimi & Company has grown to become the largest law firm in the Middle East, with over 365 staff and offices across the UAE, Qatar, Iraq, Saudi Arabia, Jordan, and Kuwait. The firm specializes in various practice areas, including Banking & Finance, Construction & Engineering, Corporate Commercial, Dispute Resolution, and more. Their international team of high-caliber lawyers provides clients with accurate, thorough, and cost-effective advice, combining comprehensive knowledge of local laws with a global perspective.



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Elevate x DMCC, welcoming the startups, and introducing them to the UAE's entrepreneurial ecosystem. Their efforts in fostering innovation, supporting business setup, and connecting startups with funding and growth opportunities through DMCC's extensive network have been invaluable.

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Finally, we extend our deepest gratitude to the country of the **United Arab Emirates** for giving us this opportunity and welcoming **Crimson Founders** and the startups in our cohort. The UAE's commitment to fostering innovation and entrepreneurship continues to inspire us, and we are honored to contribute to this vibrant future-building ecosystem.

Crimson Founders



The Founders Network for the
MIT and Harvard Communities

www.CrimsonFounders.com