

BIG.AI@MIT

The Business Implications of Generative AI@MIT

INNOVATION SHOWCASE PRESENTERS



Julie Zhang
CEO and Co-founder,
Aptamino



Isaac Lutz
CSO,
Aptamino



Paloma Gonzalez-Rojas
Co-founder & CEO,
Atacama Biomaterials



Ishaan Grover
Co-founder,
catalan.ai



Scott Gaeta
Vice President of Sales,
Ikigai Labs



Nischal Nadhamuni
MIT CS Undergrad,
Class of '18



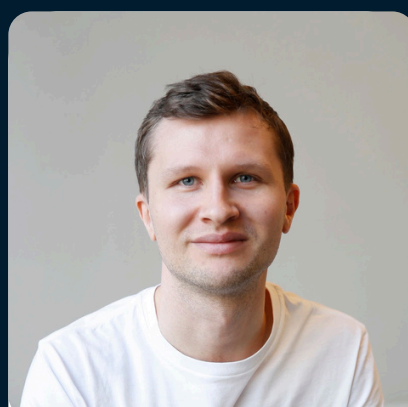
Norhan Bayomi
Co-founder and COO,
Lamarr.AI



Anthony Habayeb
CEO,
Monitaur



Toni Rosinol
CEO,
Stack AI



Rickard Brüel Gabriëlsson
PhD,
MIT



Cynthia Liao
CEO & Co-founder,
Vertical Horizons

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Julie Zhang
CEO and Co-founder,
Aptamino

Julie Zhang received a Bs in Mathematics from MIT and spent a year at MIT Sloan pursuing an MBA before leaving to work full-time on Aptamino. Her work experience spans tech/AI consulting as well as business strategy for companies as small as under 10 employees to as large as Fortune 50. Julie and her co-founder Isaac first worked together at the George Church lab at Harvard Medical School on a synthetic biology project which resulted in a Nature publication.



Isaac Lutz
CSO,
Aptamino

Isaac received a BS in Bioengineering from MIT and a PhD in Bioengineering from UW at the Baker Lab. While at the Baker lab, Isaac pioneered the use of reinforcement learning for protein design, and developed and applied generative AI methods to solve a wide variety of protein design challenges. Isaac spent a year in industry developing novel computational antibody engineering methods before leaving to work full-time on Aptamino.



Paloma Gonzalez-Rojas
Co-founder & CEO,
Atacama Biomaterials

Dr. Paloma Gonzalez-Rojas, co-founder and CEO of Atacama Biomaterials, is a distinguished entrepreneur and material scientist with deep expertise in machine learning. Earning her Ph.D. from MIT, she pioneered AI applications in materials science to commercialize sustainable products. At Atacama, an MIT spinout, she leads the development of innovative, cost-effective alternatives to traditional plastics using locally sourced raw materials. Utilizing just 11% of the energy typically required and powered by green energy and advanced robotics, Atacama is setting new industry standards. The company's efforts are poised to significantly reduce the reliance on single-use packaging by making sustainable options more affordable and reducing CO2 emissions by two gigatons by 2035. Under her leadership, Atacama has developed WPK, a recycled-paper-based composite that matches the cost and exceeds the performance of conventional materials in strength, durability, and lightness. This breakthrough has catalyzed market interest, leading to an expansion of Atacama's pilot line to increase material sampling and meet growing demand.

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Ishaan Grover

Co-founder,
catalan.ai

Ishaan Grover (MIT PhD) is the Co-founder of catalan.ai. Along with his co-founder, Andres Garza Villarreal, they had a shared goal to transform how businesses manage pricing. This vision led to the creation of catalan.ai— a dynamic pricing platform designed to optimize for your business metrics in real time.



Scott Gaeta

Vice President of Sales,
Ikigai Labs

Scott Gaeta is the Vice President of Sales for Ikigai Labs, responsible for leading sales team comprised of solution oriented, consultative sellers focused on the Eastern United States and Europe. Ikigai Labs unlocks the power of generative AI for tabular data. Built upon years of MIT research, Ikigai's Enterprise AI platform provides large enterprises with the insight they need to make faster, better decisions to drive growth. Using breakthrough technology to conduct forecasting, scenario planning and data preparation and stitching, enterprises can generate data insights at scale and detect patterns to gain a competitive edge. With Ikigai's Large Graphical Models, any data can also be trained to help businesses revolutionize the way they operate, scale and grow.



Nischal Nadhamuni

MIT CS Undergrad,
Class of 18

Nischal Nadhamuni is the CTO and Co-Founder of Klarity. Klarity uses GenAI to identify, analyze and automate critical workflows for Accounting and Finance teams. It is used by 52/100 software companies and has raised more than \$90m.

Nischal has a bachelor's degree in Computer Science from MIT. Prior to Klarity he worked on AI at Flipkart, Mass General Hospital and Airware.

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Norhan Bayomi

Co-founder and COO,
Lamarr.AI

Norhan Bayomi is an entrepreneur, designer, environmental scientist, and researcher who investigates the unequal impacts of climate risks on urban communities by fusing AI and urban analytics. She is Co-founder and COO of Lamarr.AI, a tech startup that provides a rapid software solution for building envelope diagnostics as fast as having an MRI scan for your building. Norhan received her PhD from Building Technology from MIT in 2022 and masters from the same program in 2017. She is also a Research Scientist at MIT Environmental Solutions Initiative and lead researcher at the Urban Metabolism Group in the Building Technology Program.



Anthony Habayeb

CEO,
Monitaur

Anthony Habayeb is CEO and co-founder of Monitaur, a leading AI governance software company. Monitaur enables its customers to deliver responsible AI and critical models that business leaders, regulators and consumers can trust. Habayeb brings a wealth of experience from his strategic consulting days at Accenture and executive roles at Gannett, Monster, and Yahoo. He also advises AI companies globally and in Boston's thriving ecosystem.



Toni Rosinol

CEO,
Stack AI

Toni Rosinol is a computer scientist and entrepreneur specializing in artificial intelligence. He earned his Ph.D. from the MIT in 2022 and co-founded Stack AI in 2023. Stack AI simplifies the development of AI applications for back-office automations in large Enterprises. Stack AI has quickly gained traction worldwide and has raised \$20M from notable investors including Google.

INNOVATION SHOWCASE PRESENTERS



Rickard Brüel Gabriëlsson

PhD,
MIT

Rickard Brüel Gabriëlsson is an AI researcher at MIT and co-founder of Unbox AI. Unbox AI builds BehaviorGPT, the world's leading behavior-to-behavior AI model, scaled to trillions of data points, and driving 20% sales growth for leading retailers through multi-million dollar contracts.



Cynthia Liao

CEO & Co-founder,
Vertical Horizons

Cynthia Liao is the CEO & Co-Founder of Vertical Horizons, commercializing next-generation power innovations to unlock high-density, high-efficiency AI compute. Prior to Vertical Horizons, she was a diplomat serving as the Deputy Head of Climate & Environment Policy for the British Embassy to China. She helped lead interventions to improve access to critical oxygen equipment for low- and middle-income countries during COVID-19 at the Clinton Health Access Initiative. She started her career investing in renewable energy projects at GE Capital. Cynthia is a Sloan Fellow MBA from MIT Sloan School of Management, a Schwarzman Scholar from Tsinghua University Schwarzman College and earned her Bachelor's in Business Administration from Western University's Ivey Business School.

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