



Engine Ventures: Frontier Year Program

Cambridge, MA

Full-Time

We are seeking PhD graduates, Post Docs, and those Master's graduates with substantial research exposure who are curious and passionate about new technologies, science, and their application to positive, global scale impact in the world. This program offers an opportunity to identify and explore innovations, to converge ideas from different science, engineering and technology disciplines, and map pathways to commercialize Tough Tech breakthroughs, while enhancing your connection to academia.

Program Structure:

Frontier Year Program is designed for participants to collaborate in teams, brainstorming breakthrough technologies and science that could have a positive impact on the world and create commercialization path(s) to how this could be accomplished. Throughout the course of the program, participants will identify, prioritize and synthesize ideas, ultimately focusing on a select group of concepts to further define and develop actionable plans. Frontier participants will conduct early market and technology assessments and outreach to key stakeholders to better understand and refine how these ideas could be translated into real world applications and impact. At the conclusion of this process, participants will present their analysis for the chosen concepts, including an experimental plan, budget, and timelines.

Participants will collaborate with Engine Ventures General Partners and report to them directly throughout the course of the year. Together, we will select the ideas and projects to pursue further and secure funding, with teams self-organizing around these initiatives.

The *Frontier Year Program* is a 9-12 month full-time, paid program that starts in June 2025.

Qualifications:

- Postdoctoral researchers or PhD recent graduates or Masters recent graduates with substantial research exposure
- Motivated by the mission of Engine Ventures to enable Tough Tech entrepreneurship in creating impactful companies
- Collaborative, curious about technology, science and business, and enthusiastic about team working and team learning toward real-world applications.
- Self-starters capable of organizing as well as leading new initiatives
- Strategic thinkers who are comfortable with experimentation and ambiguity
- Outstanding analytical skills with attention to detail while maintaining a broader perspective

- Effective communicators

How do I apply?

Applications open on March 19th and please apply [here](#). If your application is selected for further consideration, we will reach out to speak with you live. We welcome applications from OPT students.

About Engine Ventures

Engine Ventures is a venture firm spun out from MIT. Engine Ventures invests in the next generation of Tough Tech founders: providing capital, operational expertise, and a powerful academic, commercial, and governmental network to build and scale companies unlocking massive opportunities in climate, human health, and advanced systems.

Since opening our doors in 2016, we have invested in over 60 teams tackling the biggest challenges and created an unparalleled ecosystem for translation of breakthrough science and engineering into transformative deep tech companies. Our early investments include pioneering companies like Commonwealth Fusion Systems, Cellino, and Celestial AI. Visit our website for additional details: <https://engineventures.com/>

Engine Ventures has offices in Cambridge, MA and is co-located with The Engine Accelerator.