



FDL 2025 Program Description

The Frontier Development Lab Program (FDL) is an applied artificial intelligence research accelerator, hosted at the SETI Institute in Mountain View, California. FDL brings together teams of experts from a variety of scientific fields, and the commercial sector to give PhD candidates, Postdocs, and early career Ph.D. researchers the opportunity to push the frontiers of AI/ML research and develop new tools that solve some of the biggest challenges in Earth, energy, and Space Science.

The Frontier Development Lab is seeking doctorate/post doctorate researchers for the **2025 FDL Program (June 16 - August 8)**, an AI/ML rapid prototyping research sprint (stipend provided).

Celebrating the 10th anniversary of SETI's FDL program, we are offering a new opportunity for graduate researchers currently holding a **MASTER'S DEGREE, with a focus in Machine Learning, and an expertise in programming, to apply to FDL 2025.**

Application Schedule:

Applications Open - December 1, 2024

Interviews Begin - February 15, 2025

Selection Process Begins - March 1, 2025

Selected Candidates Notification Begins - May 1, 2025

We are seeking expertise in the following disciplines:

AI /Machine Learning methodologies and programming

Alternative Energy/Hydrogen Production

Astrobiology

Astronomy

Astrophysics

Biology

Climate Science/Weather

Earth Sciences

Geology

Heliophysics -Space weather

Lunar Exploration

Mission Operations

Planetary Science

Software Engineering

Statistics

Wildfire Predictions

Requirements

- PhD candidates, Postdocs, and early career Ph.D. researchers
- AI/ML Experts holding a master's degree may apply
- Experience with AI/ML tools and methodology
- Effective verbal and written communication skills are a must
- The ability to interact collaboratively in a fast-paced team environment is a key requirement
- Must have strong time management skills, and the ability to be flexible with schedule changes
- Commitment to participate in the full 8-week program
- Excellent problem-solving abilities

NOTE: ALL APPLICANTS MUST APPLY USING THE FOLLOWING LINK:

<https://setiinstitute.recruitee.com/o/fdl-researcher-mountain-view>