Program Engineer 1

highheredjobs.com/search/details.cfm

Massachusetts Institute of Technology
in Cambridge, MA

Apply Now

Type: Full-Time
Salary: $73,000 - $111,000 per year
Category: Software Engineer/Programmer

Job Number: 25191

Functional Area: Research - Engineering

Department: Jameel Clinic for ML in Health

School Area: Schwarzman College of Computing

Pay Range Minimum: $73,000

Pay Range Maximum: $111,000

Employment Type: Full-Time

Employment Category: Exempt

Visa Sponsorship Available: No

Schedule: M-F

Pay Grade: No Grade

Posting Description

MACHINE LEARNING ENGINEER, *Jameel Clinic for Machine Learning,* will lead deploying machine learning models developed in our labs; collaborate with researchers to improve novel algorithms; customize models for industry and healthcare partners; drive open-source software efforts; contribute to grant proposals, academic papers, and reports; and ensure seamless integration of AI technologies in diagnostics, treatment personalization, and outcome prediction.

Job Requirements

REQUIRED: A minimum of two years of software engineering experience in ML/AI projects; strong Python programming skills; proficiency with deep learning frameworks (e.g. PyTorch); experience with model deployment using Docker, Kubernetes, or similar; and excellent communication ability to convey complex technical work to non-technical stakeholders. *PREFERRED*: Experience with MLOps tools/practices (monitoring models, handling model drift, continuous integration/continuous deployment); domain familiarity in biotech, computational biology, medical imaging, drug discovery; experience with geometric deep learning; and cloud platform experience (AWS, GCP, or Azure).

This position is located in Cambridge, MA (MIT Jameel Clinic).

Please submit a Resume/CV; portfolio or GitHub with ML work; interviews will include technical challenge and discussion of past work.

Start date is flexible, ideally immediate.

Work is conducted on-site or hybrid; lab access; computational resource support; collaborative environment.

9/12/2025 &n bsp;
MIT is an equal employment opportunity employer. All qualified applicants will receive consideration for employment and will not be discriminated against on the basis of race, color, religion, sex, national origin, veteran status, or disability.

Related Searches:

Software Engineer/Programmer

© 2026 HigherEdJobs. U.S. Patent 8,548,928