

Jeffrey Li

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Education

Massachusetts Institute of Technology

Bachelor of Science, Computer Science & Engineering

Relevant Coursework: Fundamentals of Programming, Linear Algebra, Discrete Math, Programming in C and Assembly, Intro to Machine Learning, Intro to Algorithms, Software Construction, Optimization Methods in Business Analytics

Cambridge, MA

Exp. May 2027

Experience

Amazon Web Services

Software Development Engineer Intern

Seattle, WA

Jun 2024 – Present

- Accepted return offer for Summer 2025 (Jun 2025 - Aug 2025).
- Implemented an asynchronous workflow using Java and DynamoDb to initiate the draining process in a new AWS Fargate capability, which improved lifecycle management efficiency.
- Used JUnit and Mockito to develop automated test suites with 90+% code coverage.

Vibrantec

Team Lead & Full Stack Developer

Remote

Jan 2024 – Present

- Building a health tech app using Flutter/Java with server-driven UI, integrated Apple/Google Health APIs, Cloud Translation API, and Firebase media storage delivering production-ready multilingual application
- Implemented automated invite service using Java on AWS Lambda with query parameter generation and email pre-filling, reducing user signup friction.
- Led team of 3 developers through weekly sprints and code reviews, maintaining high quality code.

MIT Media Lab

Undergraduate Researcher

Cambridge, MA

Sept 2024 – Dec 2024

- Contributed to development of an intelligent automation tool using Python frameworks such as Langchain and LLMs to enhance liquid handling operations for Opentrons and PyLabRobot in wet lab settings.

We Care Act NYC

Director of IT & Web Developer

New York, NY

Mar 2023 – Jun 2023

- Led website development and project management efforts, including UI/UX changes, SEO enhancement, and e-commerce initiative by managing a team of 5 developers using Next.js, Tailwind, and CMS.
- Assisted in managing over \$250,000 in electronics donations, including handling donation and request inquiries.

Memorial Sloan Kettering Cancer Center

Molecular Pharmacology Research Intern

New York, NY

Aug 2021 – Aug 2022

- Conducted wet lab experiments in the Grimm Lab using statins to inhibit Feraheme nanoparticle internalization in macrophages, aiming to improve nanomedicine for cancer.
- Developed proficiency in wet lab skills, including cell culture, viability assays, colorimetric assays, flow cytometry, and western blotting.

Activities & Extracurriculars

MIT Sandbox Innovation Fund

Sept 2024 – Present

- Co-founder of [Casava](#), the search tool to help students find sublets faster; received \$1,500 in pre-seed funding.
- Conducted market research through interviews with rental companies and surveys from 30+ students.

Harvard MIT Math Tournament, Community Staff

Mar 2024 – May 2024

- Assisted in organizing a high school math tournament by catering food and supporting logistical operations.
- Coordinated catering and organized team-building events, including a staff bowling event for 50+ participants.

Awards & Skills

Amazon Future Engineer: Among the top 400 students nationally awarded a \$40k scholarship and Amazon SWE internship.

Programming: Java, Python, C, HTML, CSS, Node.js, React.js, Next.js, Express, FastAPI, Tailwind, Javascript, Typescript, Dart, Flutter, Swift, Firebase, DynamoDB, MySQL, PostgreSQL, AWS.

Languages: English, Mandarin – *All professional proficiency or above.*