

# Jeffrey Li

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## Education

### Massachusetts Institute of Technology

Cambridge, MA

*Bachelor of Science, Computer Science & Engineering*

*Exp. May 2027*

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

## Experience

### Amazon Web Services

Seattle, WA

*Software Development Engineer Intern*

*Jun 2024 – Present*

- 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.
- Received return offer for Summer 2025 (Jun 2025 - Aug 2025).

### Vibrantec

Remote

*Team Lead & Full Stack Developer*

*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

Cambridge, MA

*Undergraduate Researcher*

*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

New York, NY

*Director of IT & Web Developer*

*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

New York, NY

*Molecular Pharmacology Research Intern*

*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.*