

Summary

Enthusiastic and curious developer with years of experience in personal projects, professional environments, and team-based settings. Senior at UC Berkeley majoring in computer science.

Education

UC Berkeley, Computer Science BA (Aug 2020 - Dec 2023)

Completed Courses:

- Computer Security + Networking Fundamentals
- Discrete Math + Probability Theory
- Linux Systems Administration
- Computer Architecture + Machine Structures
- Probability and Random Processes
- Optimization Models in Engineering
- Data Structures
- Artificial Intelligence
- Efficient Algorithms
- Machine Learning
- Operating Systems

Member of **Upsilon Pi Epsilon** and **Open Computing Facility**

Cumulative GPA: **3.88**

Experience

Amazon Internship (May 2023 - Aug 2023)

Software Development Engineer

- Joined a team using natural language processing and LLMs for machine translation
- Proposed and developed a browser extension using AI for translating webpage content
- Participated in daily standups, biweekly sprints, and long-term planning sessions
- Presented a production-ready product to the team and achieved stretch goals for project

Scale of the Universe (Aug 2022 -)

Lead Software Developer

- Developed an educational web app with a modern WebGL framework and database
- Scaled up to 1.1 million users in Q2 2023 and global audience using edge compute
- Managed a team of developers while maintaining consistent coding standards

Open Computing Facility (Aug 2021 -)

Board of Directors

- Facilitated a class in a student-led course on Linux systems administration at UC Berkeley
- Engaged with large groups of fellow volunteers working on team projects
- Organized development of the new OCF website

JumpCutter (May 2021 - May 2022)

Software Intern

- Collaborated in project meetings and cooperative programming sessions with senior PMs
- Applied knowledge of TensorFlow and CUDA on a cloud server
- Contributed to AI projects like automatic facial focusing and speaker identification
- Used external APIs like Twitch, Google, AWS, and PayPal

Neural Network Research Project (Jan 2020 - May 2020)

Student Researcher

- Collaborated with Prof. Greg Stone at Arizona State University
- Completed a six-month research project culminating in a final paper and presentation
- Expanded knowledge in data preprocessing, neural network designs, and metrics analysis
- Programmed prototypes using TensorFlow and Keras