

Benjamin Plate

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Summary

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

Education

UC Berkeley

Computer Science (Aug 2020 - May 2024)

Completed Courses:

- Computer Security and Networking Fundamentals
- Discrete Math and Probability Theory
- Linux Systems Administration
- Computer Architecture and Machine Structures
- Data Structures
- Artificial Intelligence
- Efficient Algorithms

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

Cumulative GPA: **3.88**

Experience

Open Computing Facility (Aug 2021 -)

Staff

- Contributed to projects relating to Linux Infrastructure at UC Berkeley
- Facilitated a class in a student-led course on system administration
- 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

- Participated 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
- Worked with a website w/ React frontend and AWS backend
- Used external APIs like Twitch, Google, AWS, and PayPal

Neural Network Research Project (Jan 2020 - May 2020)

Lead Software Developer

- 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

Skills

HTML5/CSS3/JS

React

Python

C

Java

Rust

Go

TensorFlow

Linux SysAdmin