Benjamin Plate

bplate9583@gmail.com

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 -)
Board of Directors

- 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)
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

Skills

HTML5/CSS3/JS · React · Python · C · Java · Rust · Go

TensorFlow · Linux SysAdmin