



Education

UCLA

B.S. in Computer Science 2022

GPA: 3.72

Awards

HKM Membership (2020)

- Awarded to student with high academic achievement; top 1/4th of all CS, CSE and EE majors

UPE Membership (2019)

- Awarded to student with high academic achievement; GPA > 3.5 and top 1/3rd of all CS majors

Ricky Yingjia Scholarship (2020)

- Awarded for making contributions back to the CS community

UCLA Dean's Honor List (2018 - 20)

- Awarded to student with high academic achievement

Skills

Programming Languages

Python, C++, C, JavaScript,

HTML, CSS

Frameworks

React.js, React Native

Express.js, Flask

ML/Data Science

TensorFlow, Keras, Scikit-learn

Coursework

Computer Science

Data Structures

Algorithms

Computer Organization

Operating Systems

Data Science

Machine Learning

Math

Linear Algebra

Discrete Structures

Probability

Experience

eHealth Research Lab | Full Stack Developer and Data Science Intern

March 2020 – Present

- Developed patient dashboard with landing pages, login pages, and online chat-box tool using React.
- Developed intuitive and user-oriented charts to display user data and performance using Chart.js.
- Implemented server-side REST API and data protocol for web app logic
- Analyzed patient data to detect patterns and peak stress intervals in activities that lead to high stress rates.

Creative Labs – tour.AR | Project Lead

January 2020 – March 2020

- Outlined work plans, set goals, and wrote timelines to maximize team performance and keep project on-task to achieve weekly targets.
- Wrote product spec sheets and wireframes to provide direction and vision for team members. Use Agile methodologies to set code sprints.
- Oversaw development of the iOS app and helped conceptualize ideas and troubleshoot bugs.

BruinSpace | Software Lead

April 2019 – March 2020

- Developed embedded systems software that runs critical functionalities (data downlink, memory management, task scheduling) in a spacecraft using Rust and C.
- Developed a system to check for anomalies and flight system failure using Python.

The Data Grid | Software Developer

March 2020 – Present

- Implemented server-side REST API and data protocol for web app logic
- Implemented query functions and wrote SQL scripts to query data from a PostgreSQL database.
- Create a model to automate the detection and counting of toilet flushes in a given time period using Convolutional Neural Networks with TensorFlow, Keras and Scikit-learn.

Activities

Upsilon Pi Epsilon | Corporate Chair

May 2020 – Present

- Plan events every quarter such as infosessions and tech talks with corporates.
- Network with engineers from Microsoft, Facebook, Google, LinkedIn and many more to plan and hold events.