Param Shah
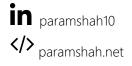
✉ paramshah@g.ucla.edu in paramshah10
📞 310-500-5637 </> paramshah.net

Education

UCLA
B.S. in Computer Science, 2022
GPA: 3.73

Awards

HKN Membership (2020)
- Awarded to students with high academic achievement; top 1/4th of all CS, CSE and EE majors

UPE Membership (2019)
- Awarded to students with high academic achievement; GPA > 3.5 and top 1/4th 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 students with high academic achievement

Skills

Programming Languages
Python, C++, C, JavaScript, HTML

Frameworks
React.js, React Native
Node.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

Pearl | Backend Developer Intern
June 2020 – Present
- Created new GraphQL services built on MongoDB to replace existing REST APIs using Apollo GraphQL, Serverless and AWS Lambda
- Reduced query response time by 33% and number of api calls by 50%.
- Rearchitect authentication and REST API structure of the backend system to add support for multiple corporate clients.

eHealth Research Lab | Full Stack Developer and Data Science Intern
March 2020 – Present
- Created patient dashboard with landing pages, login pages, and online chat-box tool using React and Redux.
- 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.

Activities

Upsilon Pi Epsilon | Corporate Chair
May 2020 – Present
- Network with engineers from Microsoft, Facebook, Google, LinkedIn and many more to plan and hold events like infosessions and tech talks