

# Paul Kuang

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## EDUCATION

**University of California, Irvine**

*Master of Computer Science*

09-2021 – 12-2022

**University of California, Santa Barbara**

*B.S in Computer Science*

09-2017 – 04-2021

GPA: 3.64/4

## WORK EXPERIENCE

### **STRIVR**

*Software Engineer Intern*

Seattle, WA

05-2021 – 08-2021

- Developed a software solution that tracks VR headsets' provisioning process for hundreds of customers, engineers and warehouse workers to observe in real time
- Designed and implemented the back-end API endpoints in C# and sends each provisioning step to the Postgres database
- Created stored procedures in PostgreSQL that provided database changes for the new provisioning status
- Designed and implemented the front-end UI with React and used Semantic UI for a better data visualization
- Used Redux-Saga to fetch the API endpoint and presented the device status to the customer on the Strivr portal
- Provided unit tests and integration tests for the back-end API endpoints, SQL stored procedures and UI components

### **UC Santa Barbara**

*Learning Assistant*

Santa Barbara, CA

01-2021 – 04-2021

- Taught students software development process in a project-based course
- Mentored students develops a full-stack application followed by the agile mythology
- Guided students learned the newest technologies such as MongoDB, Express, React, Node and etc.

### **HCL Technologies**

*Software Developer Intern*

Remote

06-2020 – 09-2020

- Developed an AR enabled e-commercial shop provides greater user experience and engagement
- Used Babylon.JS and 3D models creation tools to make online shopping experience more satisfying
- Used Node.js to create the backend API that fetches customers items' info and updated Mongo DB

### **UC Santa Barbara**

*Student Technical Assistant*

Santa Barbara, CA

01-2018 – 06-2020

- Improved the department web page with JavaScript and maintained its operation
- Upgraded the ticket system using python and SQL to track the status of customer tickets
- Led a team to design and CAD 25 different 3D projects using Solidwork and 3D printers

## PROJECT EXPERIENCE

**Teladoc Health Senior Capstone project**

10-2020 – 04-2021

- Launched a mobile app that gathers health data from various consumer peripherals and user input, and interface with Teladoc's platforms to consolidate data and format for healthcare providers to use
- Used React Native framework to make the app iOS and Android compatible
- Implemented Devices APIs to fetch user data from peripheral devices and smart vitals API to bridge with Teladoc Solo

**Map Social Android Application Development**

10-2020 – 12-2020

- Developed an android app using Kotlin allowing users to view and post images based on their current location.
- Used Firebase to establish users' identities and store posts' info and store pictures on local devices.
- Conducted UX design and accessibility testing for the user interface before the release.

## QUALIFICATIONS

- Languages: Python, Java, C#, C/C++, SQL, Javascript, Kotlin
- Framework: React, Redux-Saga, .NET/.NET Core, Node.js
- Applications/Tools: Google Cloud Platform, Azure Devops, AWS, Postgres, MongoDB, Firebase, Git

## LANGUAGE

- Proficient in both Chinese and English.