

JOSHUA KUAN

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EDUCATION

University of California, Irvine

M.S., Software Engineering. GPA: 4.0

Sept. 2020 – Dec. 2021

B.S., Software Engineering. GPA: 3.7

Jun. 2018 – Jun. 2020

TECHNICAL SKILLS

Languages	Javascript, Python, Java, Swift, C++, Objective-C
Frameworks	React, NodeJS, Flask, Express, TailwindCSS
Databases	MongoDB, MySQL, Firebase
Build/Deploy	Github Actions, Heroku, AWS, GCP

WORK EXPERIENCE

RxPost | Full Stack Engineer Intern | Jun 2021 – Aug 2021

- Designed and implemented a customer onboarding interface and payment flow with **Dwolla**.
- Implement shipment and tracking feature with **Shippo**.
- Worked in an **AGILE** environment using **JIRA/Confluence** to track issues and document project.

UC Irvine | iOS Developer (Student) | 2020

- Utilized **MLKit** with device camera video feed to classify waste images into recyclable bins.
- Trained Real-Time Object Detection Model using custom dataset with **DarkNet**.
- Connected application to **FireBase** to store and improve model from captured images.

PROJECTS

Enrole Capstone Project (Masters) | Sep 2021 – Dec 2021 | [Link](#)

- Deployed **React** frontend with **Redux** integration and user authentication using **AWS Cognito**.
- Used Storybook to build and test custom UI components.
- Worked in an **AGILE** environment using **JIRA** to track issues.

RxPost Capstone Project (Bachelors) | Jan 2020 – Jun 2020

- Deployed **React** application using a **LAMP stack** on **AWS EC2** with user authentication using **AWS Cognito**.
- Streamlined deployment by creating **CI/CD** pipeline using **Github Actions** with **AWS CloudWatch** monitoring.
- Architected internal REST APIs in **PHP** using **MySQL DB** to store user data.

ZotTrail | iOS Developer | [Link](#)

An iOS application which connects students to all UCI class information in real-time.

- Deployed application used by 2,000 registered UC Irvine students.
- Integrated **Google Calendar API** for class schedule export to calendar.
- Implemented in-app **Apple Maps support** for quick routing to classes.

LISTN | iOS Developer

An iOS Application designed to assist students with note-taking.

- Integrated **Google Speech API** for real-time transcription of lecture speech to text.
- Designed color palette and elements to suit users with disabilities.
- Won First Prize (Most Technical) @ Coding Weekend Foothill CS Club