

# Justin Wong

(650) 787-9909

justiaw2@uci.edu

[Github](#)

[LinkedIn](#)

[Portfolio](#)

**SKILLS** React, Redux, JavaScript, Python, Node.js, Flask, HTML, CSS, Git, SQLAlchemy, PugJS, Docker, Heroku, PostgreSQL, Sequelize, Express Framework, AJAX, XML, Bash, NPM, Test Driven Development, Postman, Mocha, Chai, JSX, AWS, WebSockets, WordPress, Svelte, Next.js, CI, CD, DevOps, Cloud Terraform, Azure Maps, Google App Scripts, Bitbucket Pipelines, Jira, Figma

## EXPERIENCE

### Jr. Full Stack Developer - PWV Consultants

Oct 2021 - Present

- Automated our company's employee timesheet accounting process by building a Google Apps Script in JavaScript that streamlines data, from recorded contractor working hours on Harvest, to Quickbooks for billing clients through API calls. My problem solving script saved countless hours of manual data entry operations and improved accuracy and efficiency.
- Implemented a Bitbucket Pipeline bash script that triggers on pull requests. Using Prettier.io, this script enforces coding conventions and best practices so that our code is easier to maintain, it has become an essential tool for our team.
- Joined a team project that used Microsoft Azure Maps and Svelte to map global water level rise. I proved my ability to adapt to new technologies and learn codebases effectively by diagnosing and debugging issues in our front end components.
- Contributed to a development version of our company website by creating responsive web pages with Next.js and React. Using Figma mobile and web designs I delivered the "Founder" and "Team" pages to bring our vision for the website to life.
- Worked with a Jr. DevOps Web Developer and learned the basics of AWS. We used Cloud Terraform to provision secure infrastructure templates for client projects, streamlining the deployment process and improving our production and speed.

### Courier - UberEats & DoorDash

June 2013 - Dec 2020

- Delivered a combined 2300+ orders, with customer satisfaction ratings from DoorDash: 4.85/5 stars and UberEats: 99%

## PROJECTS

### BobaMatch (React, Redux, JavaScript, Python, Flask, SQLAlchemy, HTML5, CSS3)

[live](#) | [github](#)

*Independent full stack interactive dating application where users match with others based on Boba tea interests.*

- Incorporated the utility of Redux stores for web-pages that require dynamic data to concurrently render, ultimately reducing the load from back-end queries and optimization for cross browser compatibility.
- Innovated a back-end Flask / SQLAlchemy querying algorithm to match users prioritized by their preferences, constraints, and analytics such as gender, tea flavor, boba addons, and sugar level.
- Organized a creative user friendly cafe color themed visual design and UI that provides users with the feeling and comfort of a cafe applied through modularized CSS classes and React State managed components using hooks.

### Doughmo (React, Redux, Javascript, Python, Flask, SQLAlchemy, HTML5, CSS3)

[live](#) | [github](#)

*Improvise as a team, collaborating on a project inspired by Venmo, created for peer to peer transactions and fund management.*

- Produced the core transaction functionality using the data flow of Redux dispatch actions and data fetching requests to the Flask Back-end allowing authorized users to send and dynamically view payments to one another.
- Motivated through learning and communication I mentored my peers on technical requirements and fundamentals involving Redux, Action Creators, Dispatch calls to the back-end, and Dynamic Page Rendering.
- Incorporated the concept of Abstraction by modularizing React Components as the single source of truth for reusability and for the reduction of troubleshooting and maintenance.

### Avocati (Javascript, Express, SQL, Pug, HTML5, CSS3)

[live](#) | [github](#)

*Co-authored an Avocado color schemed Medium.com clone, on a dedicated team, personalized for users to tell their stories.*

- Engineered core functionality for User Stories utilizing Pug templates and Express Routing to achieve efficient requests to the backend reducing querying response times thus improving site-wide scalability.
- Developed User Followers feature incorporating extensive use of SQL back-end requests and front-end asynchronous JavaScript (AJAX) concepts to dynamically display followers and follow other users.
- Styled and designed pages for user generated blogs with custom CSS classes and pixel properties to add animations to create a friendly and interactive User Interface.

## EDUCATION

**App Academy** - Fast paced hands on Full Stack Web Applications and Software Engineering bootcamp | Spring 2021

**University of Irvine, California** - BA Computer Science | 2016 - 2019

*Curriculum Highlights: Emerging Technologies, Programming Languages, Data Structures, Algorithms, Intro to Artificial Intelligence*

**Community College of San Mateo** - Transferred to University of Irvine, California | 2013-2016