
Personal

I'm a software engineer who is passionate about staying on top of the latest technologies and developing applications that connect users. I am experienced in the full-stack spectrum of software engineering, developing both front and backend web applications, as well as mobile web platforms.

Technical Skills

Strong

Javascript, AngularJS, Angular 2, Ionic 2, Ionic Native, TypeScript, NodeJS, ExpressJS, Amazon Web Services (AWS), SQL, MySQL, PostgreSQL, Sequelize, MongoDB, Mongoose, MLab, Google Maps API, Mobile/Cross-Platform App Development, IOS/XCode, Android Studio, HTML/CSS, Git, Github,

Experience

ReactJS, Redux, BackboneJS, KnexJS, BookshelfJS, WebRTC/Video Live Streaming, Web Workers, Authentication, Heroku, jQuery, Bootstrap, SASS, Material Design/Lite, HTTP, JSON REST APIs, Python, Web Scraping, R

Software Engineering Applications

Polished, Software Engineer

On-demand application delivering nail care services - such as manicures, pedicures, and nail enhancements - to you.

- Integrated Google Maps searching service, enabling users to see nail technicians within their area.
- Implemented review feature used to rate customer experience through photos and written descriptions.
- Designed user facing nail artist profile page displaying vendor information and user reviews.

Teach Me How, Development Team

Platform for connecting people interested in learning with people interested in teaching.

- Created online classroom lecture delivery service for teachers and students, leveraging Youtube Livestream beta api and OBS broadcasting software
- Integrated WebRTC to create one-on-one live video tutoring service between teacher and students

Point-Blank, Development Team

A platform that crowdsources public opinion to understand how society perceives today's influential people.

- Utilized AngularJS directive to modularize the navigation schema of our application.
- Developed tab filtering feature enabling targeted search.

Brew Garden, Software Developer

Application for craft-beer enthusiasts interested in learning and finding new beers to drink.

- Architected front-end features, utilizing AngularJS, and enabling data communication between client and server regarding beer taste profile and recommended beer styles
- Synchronized NodeJS, ExpressJS, and Mongoose to route data retrieval requests to the MongoDB

Professional Experience

California Center for Population Research, Research Analyst

2015-2016

- Analyzed big data related to demography and developed publication manuscripts.
- Designed methodologies to model and measure variables of interest.

Healthy City, GIS/Data Analyst

2014-2015

- Designed geographic maps displaying relationship of race/ethnicity and diabetes.
- Integrated demographic analysis into user-friendly context through online blogging.

Education

Hack Reactor LA, Advance Software Engineering Immersive Program

2017

UCLA, Masters of Arts in Social Demography

2016

Cal Poly Pomona, Bachelors of Arts in Sociology

2014