
Personal

I'm a software engineer who is passionate about staying on top of the latest technologies. I'm experienced in full-stack web development, building responsive frontend, backend, and mobile cross platform applications.

Technical Skills

Strong

Javascript, Angular 1.x, Angular 2, Ionic 2, Ionic Native, TypeScript, NodeJS, ExpressJS, SQL, MySQL, PostgreSQL, Sequelize, MongoDB, Mongoose, MLab, Google Maps API, Mobile/Cross-Platform App Development, IOS/XCode, Android Studio, HTML5/CSS3, Bootstrap, Material Design, Git, Github, Heroku

Experienced

Socket.IO, WebRTC/Video Live Streaming, ReactJS, Redux, BackboneJS, KnexJS, BookshelfJS, Amazon Web Services (AWS), Web Workers, Authentication, jQuery, SASS, Material Design Lite, HTTP, REST APIs, Python, Web Scraping, R

Software Engineering Applications

Polished, Software Engineer

An 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, Software Engineer

A social learning application allowing you to teach or take classes in person or online.

- Leveraged Youtube Livestream beta API and OBS Broadcasting Software to create an online classroom delivery service for teachers and students.
- Integrated WebRTC to create a one-on-one live video tutoring service that allowed students to have private 1:1 sessions with their teachers.

Point-Blank, Software Engineer

A social platform that uncovers how society perceives today's most influential people.

- Modularized navigation schema using AngularJS directive to create a reusable navigation component that could be used anywhere in the app with one line of code.
- Developed a tab filtering feature that enabled the user the ability to perform a more refined search, which contributes to an overall more friendly user experience.

Professional Experience

Hack Reactor HiR, Software Engineering Mentor

2017-Present

- Worked with software engineering students to develop better programming habits, including coding best practices, version control, terminal shortcuts, and debugging techniques.
- Conducted admission interviews of prospective students, not only making sure they were technically prepared but also able to effectively communicate what their code was doing.

California Center for Population Research, Demographic Research Analyst

2015-2016

- Analyzed over half a million data points to gain a better understanding of the way race/ethnicity and immigration status influenced the probability of having birth complications during pregnancy.
- Pioneered the design of an algorithm that allowed us to infer documented and undocumented immigration status from anonymized hospital patient records.

Healthy City, GIS/Data Analyst

2014-2015

- Utilized Esri's geographic information system to understand the public health effects of diabetes and mapped the hardest hit neighborhoods in the Los Angeles County region.
- Leveraged our online blog platform to inform the public and nonprofit sector of this issue.

Education

Hack Reactor LA, Advance Software Engineering Program

2017

UCLA, Masters of Arts in Social Demography

2016

Cal Poly Pomona, Bachelor's of Arts in Sociology

2014