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## 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 cross platform mobile applications.

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## 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

### Experience

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

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## 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, Development Team***

*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, Development Team***

*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.

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## 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 geographic information systems 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.

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## 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