

## EDUCATION

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**University of California, Los Angeles**

**09/2015 - 06/2019**

B.S Electrical Engineering - Technical Breadth, Computer Science

## WORK

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**Protoqual Learning Systems**

**Software Engineer**

**08/2019 - Current**

- Architected, developed, and maintained medical reading web application with GraphQL, React, Express, iterating from MVP to pilot project with graduate medical education program
- Created reporting system with ETL pipeline loading survey data from DynamoDB into PostgreSQL in order to demonstrate product engagement and ROI to enterprise customers
- Architected and developed patient experience application in GraphQL, React, and Next.js to achieve feature parity with existing outsourced platform, bringing all IP in-house
- Managed team of four software engineers—defined and encouraged best practices, documented technical requirements, designed architecture, reporting estimates, progress, and technical roadmap directly to CEO
- Gathered and analyzed customer feedback, collaborated with product and design to define and prioritize product enhancements

**Protoqual Learning Systems**

**Contract Software Engineer**

**10/2016 - 06/2019**

- Architected, developed, and maintained internal content research web application using PostgreSQL, GraphQL, React, and Express to increase efficiency of content creation workflow
- Prototyped iOS application to import content from Safari to aforementioned web application with React Native and Objective-C
- Managed three offshore engineers to develop and deploy patient experience improvement application to pilot project with large healthcare organization
- Documented technical requirements, groomed backlog, held weekly stand ups, and communicated estimates with non-technical stakeholders

**Rivo (MasterCal Inc.)**

**Software Engineering Intern**

**06/2016 - 08/2016**

- Developed single page web application in Angular implementing all functionality of existing iOS app
- Implemented deep linking and social sharing functionality across iOS and web applications
- Updated iOS (Objective-C) and web (Angular) application frontends to match new design system

**CVStrategies**

**Web Developer**

**06/2013 - 08/2015**

- Designed, developed, and maintained client websites using PHP, jQuery, and Wordpress
- Developed award-winning iEfficient Inland Empire water conservation campaign website
- Gathered requirements from and communicated timeline with clients across water, energy, education, and infrastructure industries

## SKILLS

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**Languages:** Javascript, Typescript, C/C++, Python, SQL, Objective-C, Swift, HTML/CSS

**Databases:** PostgreSQL, MySQL, MongoDB, DynamoDB, Firebase

**Frameworks:** React, Angular, Node.js, React Native, Django, NumPy, SciKit

**Tools:** GraphQL, Jest, Webpack, Storybook, Docker, Terraform, Kubernetes, Helm, AWS, GCP, Jira, Git