

Steven Yoh, MBA

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[Linkedin](#) | [Github](#)

TECHNICAL SKILLS

Languages & Frameworks: Javascript (ES6+), React, Redux, jQuery, HTML/CSS

Databases: MongoDB, MySQL, PostgreSQL

Other Technologies: NodeJS, Express, Jest/Enzyme, Mocha/Chai, Git, Babel, Webpack, AWS (EC2, S3), Docker, Git, Github, Trello, Styled-Components, Loader.io, New Relic, NGINX

SOFTWARE ENGINEERING PROJECTS

Trip Reservation Application - Photo Carousel Module UI - [Triply](#)

- Designed a web application that allowed users to view details and images for trip rental properties
- Implemented clean UI for photo carousel module with styled-components for modularity
- Achieved 80% test coverage of JavaScript and React logic using Jest and Enzyme
- Decreased page loading speed by 1250ms by utilizing lazy-loading of images and text-file compression
- Deployed microservice with Docker and Amazon EC2 for centralized code and predictability at runtime
- Led daily SCRUM agile structured standups to address issues and ensure team met internal deadlines

Restaurant Reservation Application - Reviews Module System Design - [Scale.me](#)

- Designed a web application that allowed users to view details and images for restaurants
- Optimized module to handle from 500 to over 1500 RPS by horizontally scaling with NGINX load balancer
- Identified bottlenecks through performance testing with New Relic and Loader.io to achieve throughput goals
- Designed a RESTful API using Express to enable CRUD operations between the application and database

Date Night Application - Fullstack - [Date.Night](#)

- Architected a web application where users could search, create and coordinate events with friends
- Designed a RESTful API using Express to enable CRUD operations between the application and database
- Developed a simple UI for users to search new movies and recipes to create events
- Integrated MovieDB and Edamame API to provide accurate movie and recipe images and details

PROFESSIONAL EXPERIENCE

TESLA

Fremont, CA

Business Analyst, Business Resolution

2016 – 2019

- Conducted root cause analysis to identify liability and legal exposure for high escalation cases
- Performed financial and operational analysis to drive strategic data-driven process improvement initiatives
- Improved solar design process by creating energy analysis dashboard to help drive real-time forecasting
- Led energy system analysis training seminars and served as a mentor and coach to junior analyst

California Public Utilities Commission

San Francisco, CA

Energy Analyst

2012-2013

- Performed statistical analysis to verify compliance on state mandated energy program for utility providers
- Planned and mapped utility data for load distribution and system peaks to develop robust regulations

EDUCATION

HACK REACTOR

San Francisco, CA

Advanced Software Engineering Immersive Program

July 2019 – October 2019

UNIVERSITY OF SAN FRANCISCO, SCHOOL OF MANAGEMENT

San Francisco, CA

Master of Business Administration

2016 – 2018

UNIVERSITY OF CALIFORNIA SANTA CRUZ

Santa Cruz, CA

Bachelor of Arts Environmental Studies

2008 – 2012