

# Edmond Lee

(415) 553-0166

techhexium@gmail.com

[Website and Portfolio](#) | [Github](#) | [Linkedin](#)

---

## TECHNICAL SKILLS

- Languages: JavaScript (Proficient), Hack (Proficient), Java (Prior Experience)
- Libraries and Frameworks: React, React Router, Redux, Bootstrap, jQuery, Jest, Enzyme, Node.js
- Tools and Technologies: Git, VS Code, MySQL, Docker, AWS EC2, Nginx, HTML5, CSS, Webpack, ESLint, Travis CI, Trello

## WORK EXPERIENCE

*K2 @ Facebook, Software Engineer, Menlo Park, CA* 2019 - Present

Fulfilled engineering roles for Enterprise Products and Legal Tech teams

- Implemented automation for privacy response to save up to 30 hours per week of manual processing and triage for 5000+ total records
- Assisted development of an internal tool designed to migrate legal teams to an ecosystem and source of truth for 500+ legal matters
- Automated a manual process of 20+ steps to update patent data from being monthly to processing 1000 records daily

*JourneyTEAM, Software Developer Contractor, Salinas, CA*

2016 - 2018

Implemented software and electronics for agricultural applications

- Designed software and hardware components for a QR scanning system with a Raspberry Pi connecting to mobile apps through Bluetooth LE for food traceability
- Implemented the QR scanning with 75% improved speed and at 50% the cost of a competitor design with OpenCV and Python multiprocessing
- Designed front facing web apps with Django to monitor and control agricultural IoT systems

## PROJECTS

*[Hivefunder](#) - System design of crowdsourcing web application*

- Implemented database with PostgreSQL with 10M records of campaign data and indexing to reduce query times from 10 seconds to 0.2 seconds
- Scaled microservice and proxy Node.js servers load balanced by Nginx on Amazon EC2 T2.micro instances, tripled concurrent user request rate to 1500 per second
- Improved legacy codebase with React server-side rendering and removing redundant dependencies from Webpack bundle

*[Wander-Lodge](#) - Short term rental website*

- Rendered a checkout widget with React bundled with CSS modules that integrates with a calendar to calculate availability and rental price
- Built test suite to unit test React components with Jest and Enzyme to achieve 80% code coverage
- Lead teammates to deliver decoupled services of the site to EC2 with Docker

*[HighwayVisualizer](#) - Full-stack road system visualizer application*

- Designed and deployed a React application to allow one to visualize road systems and designate traveled route segments on Leaflet
- Improved query times for route coordinate data by 90% through MySQL indexing

## EDUCATION

**UC Santa Cruz**, Bachelor of Science, Computer Engineering  
Santa Cruz, CA

2016

**Hack Reactor**, Advanced Software Engineering Immersive Program

2018