

**Kevin Chou** | 650-455-9288 | [this.kevinchou@gmail.com](mailto:this.kevinchou@gmail.com) | Burlingame, CA | [Portfolio](#)

JavaScript, Jest, Jenkins, React.js, Redux, Gatsby, Node.js, Apollo, AWS S3/Lambda, Postgraphile, PostgreSQL, GraphQL, REST, SQL, Docker, WebDriverIO, etc.

## Professional Experience

### **Pacific Data Integrators | Full-Stack Developer**

**2020 - Present**

*Client: PG&E, Sherlock Team - Web Applications for the Drone Inspection Review Team (DIRT)*

- Work in an Agile environment with a team of designers, product managers, data scientists, and developers to build the utility's first AI powered drone inspection application.
- Create dashboards and features for various DIRT roles with the goal of reducing inspection times and costs, decreasing risk of structure/asset failures, and increasing public safety.
- Support 15+ and deploy 4+ machine learning models to assist inspections by automating tasks and identifying risks quickly.
- Rotate weekly for on-call support responsibilities. Respond to and document urgent messages from users and debug/issue fix in the production environment as necessary.
- Ensure 100% line coverage for unit testing, and develop end-to-end automated tests to replace existing manual QA practice.
- [WSJ article on my team's positive impact on society](#)

### **Freelance Software Consulting**

**2015 - Present**

*Clients: Dealmoon, Wish, American Procurement*

- Provide consulting services to automate routine manual tasks such as data processing and data scraping from websites: Google, Yahoo, Farfetch, Net a Porter, DPD Postal Service, etc.

### **Willis Towers Watson | Actuarial Developer & Analyst**

**2016 - 2019**

*Clients: Boeing, Teledyne, Recology, Bank of the West, Northrup Grumman, SVMH, Sierra Club*

- Develop software to solve actuarial problems including but not limited to: data processing, data analysis, data validation, data reconciliation, gain loss analysis, modeling pension and retiree-medical benefits/liabilities, forecasting studies, experience studies, and calculating & generating financial reports in accordance of ERISA, FASB, GASB, CAS, & IAS19.

## Fun Full Stack Projects

[3d-Minesweeper](#) | I imagine what minesweeper would be like in three dimensions.

[Want.com](#) | Cloned the style and functionality of the e-commerce website Wish.com.

[Chou-Tree](#) | Inspired by my DNA results, I visualized familial relationships in archival photos.

[Multi-Go](#) | I like to play the classic game of go, so I created a game server to play variations of go.

**Values** | Critical Thinking, Communication, Work Ethic, Accountability

**Education** | University of Southern California | Bachelor of Arts in Economics