

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

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

Professional Experience

Pacific Data Integrators | Software Developer

2020 - Present

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

- Work with a team of developers, designers, and product managers to build the utility's first AI powered drone inspection application in an Agile workflow.
- Create dashboards and implement features for the various DIRT roles with the end goal of reducing inspection times, decreasing risk of structure/asset failures, and increasing public safety.
- Coordinate with Waldo, the machine learning team, and the DIRT to bridge the neural network predictions to DIRT application dashboards.
- Rotate on a weekly basis on-call support responsibilities to receive and to respond to urgent messages about production environment bugs & crashes. Debug and issue hot-fixes 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