Kevin Chou t: 650-455-9288 | e: this.kevinchou@gmail.com | a: Bay Area, CA | Portfolio

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 designers, product managers, and DIRT 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 networks 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 build scripts to automate data processing and data scraping from api and websites: Google, Yahoo, Farfetch, Net a Porter, SSENSE, DPD Postal Service, etc.

Willis Towers Watson | Actuarial Developer   **2016 - 2019**
Clients: Boeing, Teledyne, Recology, Bank of the West, Northrup Grummon, SVMH, Sierra Club
- Develop software to solve actuarial problems. Examples include 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

Chou-Tree | Inspired by my DNA results, I visualized familial relationships in archival photos.
3d-Minesweeper | I imagine what minesweeper would be like in three dimensions.
Multi-Go | The board game go is one of my passions. I created a game server to play variations of go.
Want.com | Cloned the style and functionality of the e-commerce website Wish.com.

Values | Critical Thinking, Communication, Work Ethic, Accountability

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

Technical Skills | React.js, Gatsby, Redux, JavaScript, Node.js, Jest, Jenkins, Apollo, GraphQL, Postgraphile, AWS S3/Lambda, SQL, PostgresQL, Docker, Jenkins, WebDriverIO, etc.