

Alvin Kong

SOFTWARE ENGINEER

San Francisco Bay Area

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Experience

Google — YouTube

San Bruno, CA

SOFTWARE ENGINEER

Apr 2019 – Present

- Full Stack — web, mobile, back-end, p13n, analytics

@WalmartLabs

San Bruno, CA

SOFTWARE ENGINEER (REACT, NODE, ONEOPS)

Jan 2018 – Apr 2019

- Front-end developer — Worked under Global eCommerce organization as part of the "Item page" and "Home vertical" team for www.walmart.com
- UI development, web performance, web events / analytics logging, experimentation and A/B testing, web accessibility, testing, OneOps cloud configuration and deployments
- Delivered on several major features which face millions of customers a day. These include Buy the Room and 3D Virtual Tour - [link](#), Product Comparison — vacuums, Interactive Module (now also featured in Walmart in-store Kiosks!) - [link](#), Editorial Blogs - [link](#)

DailyShoes

San Francisco, CA

DATA ANALYST / TOOLS

Apr 2016 – Aug 2017

- Created sales forecasts (LES model — rolling averages, seasonality, exponential smoothing) which was integral to supply chain — used to determine dates for order requests submissions to suppliers and inventory replenishment dates and quantities for distribution across different marketplace fulfillment centers
- Was key contributor in new products development by developing tools to monitor up-and-coming trends
- Created dashboards and reports to monitor business performance and aid in data-driven decisions
- Developed automated processes to update inventory and price changes across marketplaces

Education

University of California, Santa Barbara

Santa Barbara, CA

B.S. IN PHYSICS

Aug 2010 – Jun 2014

Linear Algebra • Multi-Variable / Vector Calculus • Differential Equations • Euler-Lagrangian Mechanics • Analog / Digital Electronics • Complex Analysis • Probability and Statistics

Skills

Languages JavaScript • Ruby • SQL • Python • HTML • CSS • LaTeX

Tools Git • React • Redux • Enzyme • Sinon • D3.js • Rails • Pandas • NumPy • Matplotlib • JIRA

Expertise Web Development • Responsive Web Design • Test Driven Development (TDD) • REST APIs
• Data Analysis • Data Visualization • Web Scraping • Unit Testing • Functional Testing

Projects

Betternote (Feature-rich Note taking App — React, Redux, Rails, PostgreSQL)

[Live](#) | [Github](#)