Alvin **Kong**

SOFTWARE ENGINEER

San Francisco Bay Area

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Experience

Software Engineer III   *San Bruno, CA*
WALMART ECOMMERCE   *Feb 2018 – Present*

- Part of the front-end product page team for Walmart's Home vertical

Data Analyst/Tools   *San Francisco, CA*
DAILYSHOES   *Apr 2016 – Jun 2017*

- Played key role in inventory replenishment by forecasting sales for products across different marketplaces
- Was key contributor in new products development by developing tools to monitor up-and-coming trends
- Wrote robust ETL processes in Python to extract data from various sources to data warehouse
- Created dashboards and reports to monitor business performance and aid in business decisions

Education

University of California, Santa Barbara   *Santa Barbara, CA*
B.S. IN PHYSICS   *Aug 2010 – Jun 2014*

Skills

Languages	JavaScript • Ruby • SQL • Python • HTML • SASS • CSS
Frameworks/Libs	React • Redux • jQuery • D3.js • Ruby on Rails • RSpec
Expertise	Web Development • AJAX • TTD • RESTful APIs • Data Analysis • Data Viz • Web Scraping

Projects

Betternote (React.js, Redux, React-Quill, PostgreSQL, Rails)   *Live | Github*
A FAITHFUL EVERNOTE CLONE

- Rich-text editing achieved by leveraging React-Quill
- Created notes to notebooks and tags associations through ActiveRecord models and associations
- Auto-save feature was implemented using an asynchronous timeout that initiates an auto-save on an initial note change and gets reset on continuous note changes

Smooth (React Native, Ruby on Rails, Google Maps API)   *Live | Github*
AN IOS PATH-FINDING APP

- Gathered road network, crime, and elevation data using open source APIs
- Modeled data as a graph to use A* algorithm to find the shorted weighted path to destination
- Designed mobile UI/UX using React Native and React Navigation