Benjamin Marimon

bsmarimon@berkeley.edu | benmarimon.io

Education

University of California, Berkeley
B.S. Electrical Engineering and Computer Science

Graduated
May 2017

Professional Experience

05/16 - 08/16 ### Salesforce
Software Engineering Intern, Community Cloud Builder UI
- Worked on the Salesforce Lightning product, developing and designing for the website builder application
- Implemented new website components in the platform and updated component designs to be consistent throughout
- Developed using **Backbone** and **Aura** frameworks, also wrote automation tests

05/15 - 08/15 ### Rambus
Software Engineering Intern, Cryptography Research Division & Infrastructure
- Wrote **Python** scripts to collect data from company compute servers, built a web app to display the aggregate data
- Worked on developing a web dashboard to display data on the usage of CRD systems

Personal Projects

Bear Plus

Worked on a team to overhaul the UI & UX of the current course enrollment system for UC Berkeley. Built the frontend using **Redux** and **React** and drastically simplified the flow for adding, dropping and switching courses and visualizing schedules. Published as a chrome extension and had **434 active users** in Spring 2017. Also wrote **Python** scripts to scrape Berkeley websites for course data.

Petra Finance

Developed a personal finance app using **Redux** and **React Native** that provides an overview of a user's finances and offers contextual insights on how to improve their financial situation. Uses the **Plaid API**. Accepted into the Fall 2016 program for Free Ventures, a student-run incubator at Berkeley. Currently beta testing with a small group of peers.

Petra Calendar

Built the frontend for a productivity application using **Redux** and **React**. Meant to allow users to interact with different event calendars (Google, Facebook) and task managers in a single web page. Added drag and drop, drag to resize, and direct editing for manipulating calendar events. Currently supports Google calendar and beta testing with a small group of peers.

Programming Experience

Proficient in: React, React Native, Redux, HTML, CSS, SASS, JavaScript, jQuery, Python
Familiar with: C, Java, SQL, Ruby, Backbone

Leadership

05/15 - 05/17 ### Innovative Design
Lead Web Developer, VP of Technology
- Led teams for four semesters in designing and developing websites for student organizations at UC Berkeley
- Taught web development to small groups of students, led multiple workshops on how to use React and Google APIs

Relevant Coursework

CS161 Computer Security
CS162 Operating Systems
CS170 Efficient Algorithms and Intractable Problems
CS168 Networking

CS186 Database Systems
CS188 Introduction to Artificial Intelligence
CS61B Data Structures and Algorithm Analysis
CS61C Machine Strucutres

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Experience

Nextdoor
Fullstack Product Engineer, Real Estate Team   8/17 to Present

- Lead the sprint planning for the Real Estate team (seven engineers total). Work with product managers and executive level management to plan and execute the engineering roadmap for each quarter.

- Help to build and maintain subscriptions services for local business pages on the Nextdoor payments platform, backed by Stripe and built on top of Django.

- Maintain AWS Elasticsearch, ECS and Kinesis resources for the Real Estate team. Used for displaying information on listings to Nextdoor users.

- Contribute to the Nextdoor frontend, which is built on React. Participate in the Frontend co-op, a group of engineers who work on improving the holistic frontend codebase and oversee large scale frontend projects. Built out several features to allow users to understand their homes value and the real estate market in their neighborhood.

- Built an older version of Nextdoor Real Estate section in React Native. Later rebuilt the entire Real Estate section for our Android app using Koitlin and following an MVVM architecture.

- Built pipeline to generate static map images of Nextdoor geographic data using Docker and OpenStreetMaps data, images delivered to users through AWS Cloudfront. Created another pipeline using Airflow and ECS to create map data sets that are rendered using Mapbox GL.

- Part of the Android and Real Estate team oncall rotations.

Salesforce
Software Engineering Intern, Community Cloud Team   5/16 to 8/16

- Worked on the Salesforce Lightning product, developing and designing for the website builder application. Implemented new website components in the platform and updated component designs to be consistent.

Skills

- Programming Languages – Python, Javascript, Java, Koitlin (Android)

- React, React Native, Django, Android, Docker, AWS ECS + Elasticsearch, Mapbox GL