

Caleb Kim

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EXPERIENCE

Fitbit

Software Engineer Intern
San Francisco, CA
Summer 2018

API Infrastructure Team: API gateway, AUTH, and routing services
Developed a distributed counter to analyze API usage: 150k hits/sec
Used Kafka to pipe counts, ETL jobs to load data to Snowflake for analysis, and Tableau to view.

Rally Health

Software Engineer Intern
San Francisco, CA
Summer 2017

Software Engineer on DEV-OPS team
Developed an internal tool to help manage AWS cluster resources and worked on robust multivariate user testing tool
Worked with microservice clusters: Mesos, Marathon, ZooKeeper

Brown CS Dpt.

CS33 Teacher Assistant
CS132 Teacher Assistant
Providence, RI
Fall 2017

Helped redesign projects and curriculum for Intro. to Systems (CS33) to refine understanding and convey relevance of computer systems
Held hours and concept reviews for Modern Web Applications (CS132)

ACS Technologies

Software Tester Intern
Seattle, WA
Summer 2016

Software testing for IOS, Android, and Web platforms
Communicated bug behavior/fixes and contributed to product design

EDUCATION

Brown University

Providence, RI
Class of 2019

Pursuing Sc.B in Computer Science
2017-2018: Distributed Systems, Logic for Systems, Algorithms
2016-2017: Web Apps, Computer Systems, Software Engineering, UI/UX
2015-2016: Intro. OOP, Intro. Algorithms and Data Structures

PROJECTS

PuddleStore

Distributed, consistent, fault tolerant file system using Tapestry for storage, Raft consensus for version control, and Zookeeper for membership (GO)

Kopis

CLI tool to search and render metadata of Marathon deployed Mesos apps—used to take resource inventory of Mesos clusters and more. (Python)

Baristat

Square Cash integrated web-app that predicts item sales for cafe owners using multiple linear regressions. (Java)

Finnest

Web App prototype that supported user registration and mock wire-transfers for Finnest Co, a fin-tech startup. (Sails.js MVC)

Other Projects

Maps for RI, Shell Terminal, Malloc, Concurrent DB, and PacMan

COMPUTER SKILLS

OOP. Distributed Systems. Web-Dev. GO. Python. Java. JavaScript. C. HTML/CSS.

INTERESTS

Ball. Clusters. Theology. Vocals.