

EDUCATION

University of California, Berkeley

Sep 2014 - May 2018

B.A. Computer Science

Awards: Wells Fargo Protothon Finalist (2014), CAA Leadership Award (2014)

Courses: AI, Data Computing, Machine Arch., Data Struct./Java, Python, Digital Sys., Lin. Alg., Discrete Math/Probability

SKILLS AND LANGUAGES

Languages HTML/CSS, JavaScript, jQuery, Java, Python, C, R, Bash, LaTeX, MIPS, XML
Frameworks Meteor, AngularJS, ReactJS, Blaze, Ionic, OpenCV, TensorFlow, Skeleton, NumPy, MEAN, NodeJS
Services/API MongoDB, Firebase, Heroku, SendGrid, Git, Google (Maps, Search, etc.), Postmates, Stripe, Ace, Filestack

WORK EXPERIENCE

AKALA

Los Angeles, CA
Sep 2015 - Present

Full Stack Software Engineer Intern

- Developed a mobile app for virtual college counseling using Meteor as a full stack framework.
- Reduced effects of server calls on UI/UX by using localStorage as a middleman cache.

Beeyond Inc.

San Francisco, CA
Jun 2015 - Sep 2015

Software Engineer Intern - Mobile Applications

- Developed an API and Angular MVC structure for a mobile app linked to a Firebase database.
- Created a Mocha-Chai framework with Protractor.js for E2E testing and Karma for unit testing
- Implemented authentication flow with database checks and front-end alerts for faulty inputs
- Lazy loaded tinder-style cards and optimized the database schema for UI/UX performance.

PROJECTS

Hacker Pad

Personal Project | Dec 2016

- Developed a collaborative coding environment with chat, video, and file sharing capabilities using ReactJS and MongoDB
- Implemented server-less peer to peer connections in an ace editor and chat interface using WebRTC and Socket.io

Hack In

European Innovation Academy | Aug 2016

- Used Meteor and MongoDB to develop a customized technical assessment platform to vet developers and freelancers
- Wrote 5000 lines of code with the CTO in 3 weeks to ensure smooth function with redundant data backups in BETA
- Working on remote server compilers to rank applicants using automated computational and practical code evaluations

CALERT

Personal Project | Apr 2016

- Used the Google Maps API to mark incidents on a desktop map by crowdsourcing campus PSAs and police reports
- Developed an app that turns on GPS tracking and alerts officials and friends of emergencies with a single button press

Postmates Dash

CalHacks 2.0 | Oct 2015

- Developed an app to restock goods on-demand or schedule deliveries of essentials before consumers run low
- Used Angular, Ionic, and Firebase for the front-end and implemented Google Custom Search and Postmates APIs

LEADERSHIP AND ORGANIZATIONS

Media Technology Chair | Berkeley ABA

Sep 2014 - Jan 2016

- Produced an app demo video for a start up's BETA launch intended for students at the INSEAD business school
- Chosen as 1 of 31 Berkeley/Stanford students for the Wells Fargo Protothon to help improve Millennial financial health
- Designed a 40 min. consulting case competition for 50+ members, contacting alumni from the Big 3 firms to judge

CS61A/CS61B Lab Assistant | UC Berkeley EECS Department

Aug 2015 - Dec 2015

- Hosted lab hours to help students with Python coding concepts regarding inheritance, abstraction, and environments
- Taught best practices with Java and how to minimize runtime using sorting algorithms and complex data structures