FELIX SU
Practical Programming Ninja

732 . 673 . 4738
felixs8696@berkeley.edu
Berkeley, CA
felixsu.com

📖 Education

University of California, Berkeley   Sep 2014 - May 2018
B.A. Computer Science
Awards: Wells Fargo Protothon Finalist (2014), CAA Leadership Award (2014)
Courses: Art. Intel., Data Comp., Machine Arch., Data Struct./Java, Python, Digital Sys., Lin. Alg., Discrete Math/Prob.

‹/› Skills and Languages

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

⚒ Experience

Hack In
Berkeley, CA
Jul 2016 - Present

Founder & CEO
Created a customized technical assessment platform to vet developer recruits and freelancers
Wrote 5000 lines of code with the CTO in 3 weeks to ensure proper function in our BETA release
Implemented ACE and Filestack APIs for code editing and document storage in MongoDB.
Working on server-side compilers to automate computational and practical code evaluations

AKALA
Los Angeles, CA
Sep 2015 - May 2016

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

CALERT
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

UCode
Developed a QR-code business card app that can be re-formatted based on which information you would like to share
Used QR codes to send activation keys to allow recipients to receive only information openly shared by senders

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

👥 Leadership and Extracurriculars

CS61A/CS61B Lab Assistant | UC Berkeley EECS Department
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

Media Technology Chair | Berkeley ABA
Produced as 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 Walls 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