

## EDUCATION

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### 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

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**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

## WORK EXPERIENCE

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### 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

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### Hack In

- 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 server-side compilers to rank applicants using automated computational and practical code evaluations

### 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 contact sharing app that re-formats 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, Ionic, and Firebase for the front-end and implemented Google Custom Search and Postmates APIs

## LEADERSHIP AND ORGANIZATIONS

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### 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 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