

EDUCATION

University of California, **Berkeley** 2013-2017

GPA: 3.85, Bachelor of Sciences in Electrical Engineering & Computer Science

Industrial Design & Human Factors - **A-**

Interactive Device Design - **IP**

Designing Information Devices and Systems I - **IP**

Artificial Intelligence - **A**

Efficient Algorithms &

Intractable Problems - **A-**

Introduction to the Internet: Architecture & Protocols - **IP**

Structure & Interpretation of Computer Programs - **A**

Data Structures - **A+**

Machine Structures - **A**

Discrete Mathematics and Probability Theory - **A**

EXPERIENCE

SKILLS

- ⊙ PROFICIENT
- FAMILIAR
- ⊙ Python
- ⊙ Java
- C++
- C
- ⊙ Arduino
- Raspberry Pi
- ⊙ Adobe CS
- ⊙ Prototyping
- Wireframing
- 3D CAD
- ⊙ HTML5
- CSS3
- ⊙ Javascript
- ⊙ React.js
- jQuery

Student Researcher, Paulos Research Group

Summer 2015 - Present

- Undergraduate researcher for Eric Paulos, Professor at Berkeley, working on various projects.
- **MyPart**
Conduct user studies and both manual & automated field tests for low cost air particle counter.
- **OnePhoto**
Build an Android application to take a photo, and thereafter only display that photo.

Student Researcher, BIDS

Summer 2015

- Researcher in the Berkeley Institute for Data Science, studying productive use of workspaces.
- **Garmr**
Allow for easy large-scale analysis of users at bids by developing an application for front desks in React.js and Morepath (a Python microframework).

Project Developer, Blueprint

Spring 2014 - Spring 2015

- Developer for a club dedicated to providing technology services for nonprofit organizations.
- Designed and constructed the front-end for Ruby on Rails applications using HTML, CSS, and Javascript for Roots of Success and WorldReader, both education-centered nonprofits.

Software Development Intern, bebop, inc.

Summer 2014

- Designed and prototyped user-side applications for stealth startup using AngularJS and Express.
- Created a résumé reviewing interface for use with recruiting software, allowing hiring managers to quickly scan résumés and add or reject candidates.
- Implemented improvements based on feedback from interviews with users.

PROJECTS

metakey

Fall 2015 Hackathon

- A smart lockbox, allowing easy access to keys for homeowners and their guests or friends.

Watchdog

Spring 2015 Hackathon - Best Dorm Room Hack at Hackers @ Berkeley's Hackjam

- Hardware hack with Raspberry Pi to light LEDs indicating to the users who is at home.