

## Alison Berkowitz

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github.com/alisonberkowitz

617.777.2788

### EDUCATION

#### Olin College of Engineering – Needham, MA

Candidate for Bachelor of Science in Engineering: Computing

December 2016

Current GPA: 3.79

### EMPLOYMENT

#### Square, Software Engineer Intern - San Francisco, CA

Summer 2016

Enabled anonymous sandbox accounts in Go for use in API documentation and tutorials to improve the developer experience for those who have not yet registered for an account

#### Inspire, Junior Partner - São Paulo, Brazil

Fall 2015

Worked with faculty and students to support innovative course design processes with ideas and feedback, promoting collaboration between students and professors

#### Microsoft, Software Engineer Intern - Redmond, WA

Summer 2015

Developed a tool for on-call employees to investigate failures and monitoring gaps within the Office365 monitoring system using an AngularJS frontend and C# backend

#### MIT Media Lab, Lifelong Kindergarten Intern - Cambridge, MA

January 2015

Prototyped mobile application for adult learners during their daily commute using AngularJS frontend, Kinvey backend, and Ionic to convert into a native ios application

#### Cybex Intl., Software Intern - Medway, MA

Summer 2014

Worked on JavaScript application for next generation of cardio equipment using AngularJS and NodeJS

#### Olin College Senior Capstone Program, Android Developer

Spring 2014

Prototyped improvements to the Facebook Android application experience for people in emerging markets

### LEADERSHIP

#### Grace Hopper Conference, Scholarship Recipient - Houston, TX

October 2016

#### Girls Who Code, Mentor - Square

Summer 2016

Mentored a high school program participant in weekly lunch meetings

#### Delta Innovation Youth, Community Development - Clarksdale, MS

Spring 2016

Worked on team of 9 students across 3 colleges to collaborate with local leaders to empower youth by developing a mobile space in Clarksdale for learning, making, and doing

#### MobileProto, Student Teacher - Olin College

Fall 2014

Worked with student teaching team to prepare lessons for each week and teach fundamentals of Android development to a class of 20 Olin College students

#### Society of Women Engineers, President - Olin College

Fall 2014

Organized professional development opportunities for current students and outreach to expose younger girls to engineering

### OTHER PROGRAMMING EXPERIENCE

#### Google CodeU Technical Mentorship

March-August 2016

Developed Wikipedia crawler and search engine in Java as participant in exclusive development program to strengthen skills and prepare to become successful technical candidate

#### Senior Capstone: Solidworks Apps for Kids

Spring 2014

Developed *Capture It*, a cross platform application that allows users to capture pictures, videos, and drawings on infinite canvas, as part of the *Apps for Kids* suite

#### Human Factors and Interface Design: PTapp

Fall 2014

Designed interface for application to help physical therapy patients keep track of their physical therapy regimen and communicate with their physical therapist

#### Data Science: Map My Fitness

Spring 2014

Analyzed and classified data from 12 employees collected through the Map My Fitness app based on their workout behavior to generate a more personalized report