# Alison Berkowitz

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## EDUCATION

**Olin College of Engineering** – *Needham, MA*                                        December 2016
Candidate for Bachelor of Science in Engineering: Computing                     Current GPA: 3.79

## PROFESSIONAL EXPERIENCE

**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

**Insper,** *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

## OTHER TECHNICAL 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 2016
   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

## LEADERSHIP

**Grace Hopper Conference,** *Scholarship Recipient - Houston, TX*                      October 2016

**Foundations of Computer Science,** *Course Assistant - Olin College*                    Fall 2016
   Covered topics including functional programming, automata theory, and algorithms

**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