

# Sawyer Vaughan

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## Education

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### Olin College of Engineering

Electrical and Computer Engineering 2017

GPA: 3.75

Ray Meester Scholarship, National Merit Scholarship, and Olin Merit Scholarship

## Employment

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### Onshape

May 2016 to Aug 2016

iOS Developer Intern

- Implemented new navigation bar and document information drawer
- Programmed in Objective-C using the iOS SDK and Cocoa Touch framework

### Boolio

2014 to 2016

Co-Founder and iOS Developer

boolio.io

- Social media startup for sharing questions and receiving quick feedback
- Programmed in Swift and deployed on the App Store
- Finalists at TigerLaunch, a startup incubator sponsored by Princeton University

### Inspire

Spring 2015

Education Consultant

São Paulo, Brazil

- Designed the curriculum for Inspire's brand new engineering program
- Developed two courses: "Software Design" and "Internet of Things"

## Accomplishments

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### Boy Scouts · Eagle Scout

- Organized a renovation project for an observation blind at Barr Lake State Park
- Replaced the roof with a new sheet metal roof, painted the interior and planted trees and bushes
- Totaled 180 hours of community service

## Skills

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#### LANGUAGES

Objective-C  
Swift  
Python  
Java  
JavaScript  
C

#### FRAMEWORKS

iOS  
Android  
Git  
node.js  
AngularJS  
Flask

## Projects

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### SAE Baja Competition Team

- Software lead of the Olin Baja team at Olin College
- Rebuilding the team's website in node.js and AngularJS

### Games for Pebble

- Created an app for the Pebble smartwatches that was downloaded 26,000 times
- Features a chess game with an artificial intelligence opponent
- Programmed in C using the Pebble SDK

### Polar Printing Press

- Autonomous image-drawing robot
- Actuation and sensing performed by Arduino
- Honorable Mention in the 2016 Robot Art competition

### TextSender for Pebble

- Enables text sending and actionable notifications on Pebble smartwatches
- Tweak for jailbroken iOS users developed in Objective-C

### PartySpot

- A collaborative playlist app for Android with song synchronization
- Developed in Java, using the Spotify Android SDK