

# Jake Saferstein

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## Qualifications Summary

- Programming Languages: Proficient in Swift, Objective-C and Java. Experience with MatLab, Racket, Pyret, HTML/CSS and JavaScript.
- Proficient in Microsoft Office
- Have experience using SolidWorks (3D modelling) and LaTeX (note-taking/homework)

## Computer Science Experience

### Intern at Little Labs

Summer 2015, Winter 2016

- Worked on The Martian: Official Game, available on the App Store
- Developed for iOS and Apple Watch in Objective-C

### Built MyNote

Hack@Brown, Winter 2016

- Apple TV app that connects with a Myo arm band to allow the wearer to draw on the screen and present a slideshow using the app
- Developed in Swift, uses the Myo API

### Worked on FoodMe

Hack Harvard, Fall 2015

- iOS app that asks the user four simple questions and determines where the user should eat based on previous choices and those answers
- Developed in Objective-C, uses the Yelp and Google Maps APIs

### Created SoundBomber

School Project, Spring 2015

- iOS app that allows users to send funny sounds to friends and from their Apple Watch to iPhone
- Built in Objective-C, uses Parse and Facebook logins to manage friends

### Developed Openpad for iOS

School Project, Fall 2014

- Built the iOS app for Openpad, which is a library that allows any game to use a phone as a controller easily
- Built in Objective-C, uses TCP/UDP packets to discover the main game and send controls

## Other Work and Leadership Experience

### Brown Engineering After School Team Instructor

School-year 2015-2016

- Introduced high school students to engineering concepts like electronics and trusses

### Counselor at The Exploratory

Summer 2014

- Worked as a counselor for the Exploratory maker space's summer camp
- Planned activities and helped kids with projects such as 3D printing and woodworking

### Teacher's Assistant at programming camp

Summer 2012, 2013, 2014

- Taught Java to kids age 12 to 15 for intro to programming camp at my high school

## Education

### Brown University (Providence, RI)

Class of 2019

- Concentrating in Computer Engineering

### Harvard-Westlake High School (Studio City, CA)

2009-2015

- Graduated Cum Laude, 4.307 / 4.0 weighted GPA