

## Summary

iOS developer passionate about problem solving, innovation, and learning a lot quickly; entrepreneurial spirit; design focused.

## Experience

### Valpe Technologies, LLC - Founder

July 2013 - Present

Mobile Development Studio focused on iOS and mobile web applications. More than twenty iOS apps; six currently in the AppStore; more than 15k downloads.

### Brown Entrepreneurship Program – Director of Core Programming Jan 2015 – Present

Coordinate 3 project managers and core programming division members for pitch competitions, lunch & learns with entrepreneurs, and weekly mini hackathons.

### endLine - Co-Founder; Lead Developer.

June 2014 - Present

Startup to pre-order, pre-pay for coffee from your phone & discover coffee shops. Integrating with POS providers. Awarded "Best Pitch" for live app demo at MIT Launch Program.

### Northfield Mount Hermon - Math and Computer Science Tutor August 2013 - May 2014

Provided Math (up to Multivariable Calculus) and CS help 8 to 10 pm Tuesdays and Thursdays.

## Languages and technologies

### I have used in projects:

Objective-C, Swift, Java, Python, Processing, PHP, Octave, HTML, CSS, JavaScript, MySQL; APIs, GitHub, XCode, CocoaPods, Eclipse, Netbeans, Parse, Stripe, Pusher, Photoshop, Illustrator, Sketch.

### Proficient with:

Objective-C, Java, HTML, CSS, JavaScript; APIs, GitHub, XCode, CocoaPods, Eclipse, Photoshop, Illustrator.

## Projects

**Join August 2014** Won 2nd place and most creative at MIT Startup Pitch Competition. Simplifying connections: iOS app that integrates all your social networks into one. AppStore.

**NMH Mobile April 2014** Northfield Mount Hermon's school official iOS app. Includes social updates from Twitter, Facebook, and Instagram, photos from Flickr, weekly dining menu, campus map, and much more.

**Gravity Monkey March 2014** Simple, hard, yet addicting iOS game. Cocos2D game engine. Featured on Appstore. Ranked 1<sup>st</sup> on both new Arcade and Adventure games in the U.S.

**We Wash It Laundry Service App November 2013** Pick-up requests app for We Wash It Laundry Service company that caters to UPenn and five other colleges.

**Connect January 2014** Hack at Brown 2014 project. iOS app that facilitates quick networking with the people around you.

**Froyours July 2013** Frozen Yogurt Social Network. Objective-C, JSON, Google Places API.

**Evil Hangman July 2013** Hangman with an evil twist: algorithm that uses Equivalence Classes and Set Theory to change word depending on the letter the user chooses. Appstore.

**Mobile Local July 2013** Mobile web app for local news & weather.

**Ask Guru July 2013** iOS app; Guru answers all your questions.

**Tensor October 2014** iOS app and data visualization of movements from Myo Armband.

## Education

### Brown University

August 2014 - May 2018 (expected)

Sc.B. in CS-Applied Math. Accel Intro to CS (Functional Programming),

Intro to Software Eng, Statistical Inference, Discrete Structures, H. Linear Algebra.

### MIT Launch Summer

June 2014 - July 2014

Entrepreneurship program at MIT; heavy team collaboration to start a

company in a month. Also re-built MIT Launch's website.

### Northfield Mount Hermon

August 2012 - May 2014

Cum Laude and numerous leadership positions. AP Computer Science,

AP Calculus BC, Multivariable Calculus, Digital Design.

### Harvard University Summer

June 2013 - August 2013

Courses: Building Mobile Applications and Abstract Algebra with Proof.

### A-Star Math Program, Los Angeles June 2012 - July 2012

Number Theory, Algebra Analysis, Geometry,

Combinations and Permutations, and intro to C++.

### Coursera

2012 - 2014

Machine Learning by Stanford University. Grade: 92/100

Computational Investing by Georgia Institute of Technology. Grade: 94/100

### Udacity

2014

CS 253 - Web Development.