

# Valentin Perez

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## EXPERIENCE

### iOS Software Engineer Intern **hackNY Fellow '15, Matchbook**

New York, NY · Summer 2015

Selected nationwide to receive mentorship, attend private talks from leaders in the NYC tech community, work at a vc-backed startup, and live with other awesome 33 fellows. Implemented multiple features for Matchbook's iOS app in Swift and Objective-C. Re-developed Matchbook's homepage and integrated it with the Ruby, Rails app.

### Founder, Developer **Valpe Technologies, LLC**

Spring 2013 - Present

Created a Development Studio focused on iOS and web applications. Built more than 20 iOS apps; 6 currently in the AppStore; more than 15k downloads.

### Leadership Roles **Brown University**

Providence, RI

Lead Startup@Brown, a weekend-long conference connecting 300 students & startups. Organizer for Hack@Brown, Brown's annual hackathon of 400 students. Director for Special Events at Brown Entrepreneurship Program. Co-Head at Brown Computer Science Department's Undergraduate group, 2015-2016

### Computer Science and Math Tutor **Northfield Mount Hermon**

Mount Hermon, MA · 2014

Tutored Math (up to Multivariable Calculus) and Computer Science 4 hours per week.

## SELECT PROJECTS

### Join Profile 2014 - Present

Won 2nd place & most creative at MIT Startup Pitch Night Competition. Developed and designed iOS app that integrates all your social networks into one.

### Maps & Traffic - CS class project 2014 - Present

Implemented a maps client with autocorrect/suggestions, kd-tree to find nearest places, A\* search algorithm to show nearest paths, bird's eye view, and dynamic traffic updates.

### Pineapple - Co-Founder, Developer 2015 - Present

Received venture capital funding from Rough Draft Ventures, also Brown Venture Fund. iOS app for using amenities in hotels without staying for the night. Built backend on Heroku with Node.js, payments through Stripe, all iOS in Swift.

### Gravity Monkey 2014

Ranked #1 on both new Arcade and Adventure games in the U.S. store. Built in Objective-C and Cocos2D game engine. In-app purchases and Game Center.

### endLine - Co-Founder, Developer 2014 - 2015

Awarded "Best Pitch" at MIT Launch Summer Session 1. Built startup to pre-order, pre-pay for coffee from your phone & discover coffee shops.

### NMH Mobile App 2014

Built Northfield Mount Hermon's school official iOS app. Includes social updates from Twitter, Facebook, Instagram, and Flickr, dining menu, campus map, and more.

### We Wash It Laundry App 2013

Built pick-up requests app for laundry company in Philadelphia that caters to UPenn and five other colleges.

## EDUCATION

### **Brown University** Sc.B. in Computer Science and Applied Math

2014 - 2018 · CS GPA: 3.7

Software Engineering, Machine Learning, Computer Systems, Statistical Inference, Functional Programming, Discrete Structures & Probability, Differential Equations, Honors Linear Algebra. Spring 2016: Data Science, Computational Linguistics

### **MIT Launch Summer**

Summer 2014

Summer entrepreneurship program by MIT; heavy team collaboration to start a company in a month as lead dev. Also re-built MIT Launch's website and updates.

### **Northfield Mount Hermon** Boarding Prep School

2012 - 2014 · Massachusetts

Cum Laude and numerous leadership positions. AP Computer Science, AP Calculus BC, Multivariable Calculus, Digital Design

### **Harvard Summer School**

Summer 2013

Building Mobile Applications: iOS with Objective-C and mobile web apps. Spaces, Mappings, and Structures: Intro to proof with Abstract Algebra

### **A-Star Math Program** Competition Math

Summer 2012 · Los Angeles, CA

Intro to Number Theory, Algebra, Geometry, Combinatorics, and intro to C++.

## Independent Online Courses

Machine Learning by Stanford University - Coursera  
Computational Investing by Georgia Tech - Coursera  
Web Development - Udacity

## AWARDS

WWDC 2015 Scholarship  
Apple

2nd place & most creative  
MIT's Startup Pitch Night Competition 2014

Best Presentation  
MIT Launch 2014

## SKILLS

Proficient  
Swift, Objective-C, Java,  
Web Development, JavaScript,  
Functional Programming

Used in projects or classes  
Python, Octave, Processing,  
Node.js, Ruby, PHP  
MySQL, Parse, Photoshop