

# Valentin Perez

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## EXPERIENCE

### *Software Engineer Intern, Mobile Infrastructure* **UBER, KPCB Fellow '16**

San Francisco, CA · Summer 2016

Built library for better upgrades system across all Uber iOS apps. Developed in each app. Worked with Swift, Objective-C, Buck (build system), CI, and rolled out experiments.

One of 54 KPCB Engineering Fellows selected (2% acceptance rate) to meet and learn from startup leaders and VC partners.

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

New York, NY · Summer 2015

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.

Received mentorship, attended private talks from leaders in the NYC tech community, worked at a vc-backed startup, and lived with 33 other awesome hackNY fellows.

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

Spring 2013 - Present

Created a Development Studio focused on iOS and web applications.

Built more than 20 iOS apps; 7 currently in the AppStore; more than 20k downloads.

### *Leadership Roles* **Brown University**

Providence, RI

**Co-President** of the Brown Entrepreneurship Program. Lead 40-person club with 9 different teams running a speaker series, an introductory class for underclassmen, startup recruiting events, tech trips to startup cities, and more. Interact with alumni board.

**Founder** of Startup@Brown, 2-day conference connecting 300 students & startups.

**Organizer** for Hack@Brown, Brown's annual hackathon for 400 students.

**Student Partner** at Rough Draft Ventures. Meet with student startups and contribute to investment decisions (up to \$25k in funding).

## SELECT PROJECTS

### *Daycation - Co-Founder, Developer* Summer 2015 - Summer 2016

Received venture capital funding from Rough Draft Ventures and grant from Brown. iOS app for using hotel amenities. Built web app with React.js, AWS, Go, MongoDB. Built backend on Heroku with Node.js, payments through Stripe, all iOS in Swift.

### *Maps & Traffic - CS class project* Spring 2015

Implemented a "google maps" from scratch with autocorrect/suggestions, kd-tree to find nearest places, A\* search algorithm to show nearest paths, and dynamic traffic updates.

### *Join Profile* 2014 - 2015

Won 2nd place & most creative at MIT Startup Pitch Night Competition.

Designed, developed, and launched iOS app that integrates all your social networks in one.

### *Song Recommender - CS class project* Spring 2016

Implemented a song recommender engine using user-based collaborative filtering. Data from the Million Song Dataset. Built in Python with interactive web app.

### *Gravity Monkey* 2014

Ranked #1 on both new Arcade and Adventure games in the U.S. AppStore.

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, Data Science, Computer Systems, Functional Programming, CS Startup, Discrete Structures & Probability, Statistical Inference, Honors Linear Algebra, Methods of Applied Math I & II  
Fall 2016: Design & Analysis of Algorithms, Deep Learning

### **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**

Go, Python, Octave, Processing,  
Node.js, Ruby, PHP, React.js  
MySQL, AWS, Heroku, Photoshop

Interested in: Machine Learning, Data Science,  
Consciousness, Learning, Energy, and Music.