

Nickolas Balboni  
226 Parker Hill Ave.  
Boston, MA 02120

Josh Hernández, Technical Recruiter  
3200 Ash St.  
Palo Alto, CA 94306

October 25, 2016

Dear Josh Hernández,

I am writing this letter in the hopes of pursuing a position at Robinhood. By contacting you I hope to set up an interview at the company. The position I wish to pursue is the Web Engineer job opening at Robinhood. I have been trading with the Robinhood app since January of 2015, but I was closely following the company before they even had released their product. The company's mission to make financial markets more accessible continues to excite me, and the app continues to impress me. I discovered the job opening through the company's website. I feel that the opportunity to work as a web engineer for Robinhood would directly align with my career goals. The position and the company would allow me to pursue my two greatest interests: software development, and financial investment.

I am currently entering my final year as a computer engineering major at Northeastern University. Northeastern has done a tremendous job preparing me for the workplace, and through my computer engineering coursework I have studied the inner workings of programming languages, software development algorithms, computer networks, and network security. Throughout my time in school, I have worked hard to supplement my coursework with independent projects, and freelance jobs writing software. These projects allow me to explore different languages and ecosystems that my coursework does not touch on. My exploration has been continued by the job opportunities I have had during summer breaks and on my Co-ops. My first job experience, at B2W Software, introduced me to web development, in the context of a hybrid mobile app. Then, at Charles River Development, I was able to get a glimpse at how software shapes the infrastructure of financial markets, working on an application for trade matching, and settlement instruction workflows. At my most recent job, with Tablelist, I was able to work on a small startup team doing iOS, Node, and Angular development. In addition to my technical skills, I have a strong work ethic and a drive for perfection that results in beautiful, maintainable products.

The Web Engineer position at Robinhood is a perfect fit for me. My interests, skills, and drive will allow me to thrive in role this opportunity provides. I can be reached by email, at [balboni.n@husky.neu.edu](mailto:balboni.n@husky.neu.edu), or by phone, at (603) 819-8895. I hope to be able to meet you in the future. Thank you so much for your time.

Sincerely,

Nickolas Balboni

# Nickolas Balboni

balboni.n@husky.neu.edu | (603) 819-8895

Website: <http://nickbalboni.com>

GitHub: <http://github.com/SwankSwashbucklers>

LinkedIn: <http://linkedin.com/in/nickbalboni>

StackOverflow: <http://stackoverflow.com/users/2615252>

## EDUCATION

### NORTHEASTERN UNIVERSITY

#### BS IN COMPUTER ENGINEERING

Expected January 2018 | Boston, MA

GPA: 3.19 / 4.0

Major GPA: 3.46 / 4.0

### PHILLIPS EXETER ACADEMY

Grad. May 2013 | Exeter, NH

## COURSEWORK

#### Network Security

SSL/TLS, IPsec, OAuth, WPA

RSA, Diffie-Hellman

DOS, Viruses, Worms

#### Programming Languages

Development of languages

Method dispatch; concurrency

#### Fundamentals of Eng. Algorithms

C++; Sorting, Tree and Graph

Algorithms; Algorithm Analysis

#### Digital Design and Comp. Org.

Combinational Logic Design;

Sequential Circuits; Verilog

#### Fundamentals of Electronics

Analog Electronic Circuits

Op-amps, Diodes, BJTs, MOSFETs

#### Embedded Des. Enabling Robotics

Unix; C; Wireless Networking

#### Engineering Problem Solving

C++; MatLAB

## SKILLS

#### Proficient:

Python • JavaScript/AngularJS

Objective-C/iOS • CSS/Sass

#### Comfortable:

Java • C++ • C • MongoDB

Bottle/Flask • Bash

#### Familiar:

C# • Android • MySQL

## ABOUT ME

- Enjoy playing guitar and piano; compose pieces of music in my free time.
- Love to code!

## EXPERIENCE

### TABLELIST | SOFTWARE DEVELOPMENT CO-OP

January 2016 – Present | Boston, MA

- Work as a full-stack developer on web, server, and iOS products.
- Develop in AngularJS, Node.js, Swift, and MongoDB.
- Built the curated lists module for the company's admin portal.
- Built, and took ownership of a repository of Jinja templates and Python scripts for managing email distribution for Tablelist projects.
- Refactored server notification code to work with the new templates and service.
- Implemented tiered-ticketing on NightPro, the company's venue management app.

### CHARLES RIVER DEVELOPMENT | SOFTWARE ENGINEERING CO-OP

January – July 2015 | Burlington, MA

- Worked on the Post-Trade team writing bug fixes and unit-tests in Java.
- Created various Python scripts to assist with QA work.
- Took ownership of the team's automation testing project, repairing and maintaining it.
- Advanced abilities working in an agile setting (specifically scrum).
- Obtained insight into the workings of financial markets.

### B2W SOFTWARE | SOFTWARE ENGINEERING INTERN

Summer of 2013 & 2014 | Portsmouth, NH

- Worked on both the Mobile and Maintain teams filling various responsibilities.
- Created the first iteration for the equipment section of the maintenance module, which was pushed into production in the 2014 release.
- Gained experience with release testing, on both iOS and Android tablets.
- Worked on the cross-platform tablet application, coding in Javascript with the Kendo UI framework, and working with PhoneGap.
- Designed and developed a continuous integration system for ad hoc deployment of the B2W Mobile application.

## PROJECTS

### APPS WITH STYLE, LLC | Co-FOUNDER & SOFTWARE DEVELOPER

January 2014 – Present | Exeter, NH

- Create mobile applications for clients, and applications for distribution under the company developer account.
- Develop mobile applications using both native iOS development (i.e. Swift, Objective-C, Core Data, Interface Builder, and Size Classes), and cross-platform development (i.e. Phonegap, Javascript, AngularJS, CSS, and HTML)
- Completed and released an iOS password and account manager called passKey, which is out on the Apple app store today.
- Acquire experience running and maintaining a business.
- Created a company website: <http://appswithstyle.net>, for showcasing applications and company information.

### WEBSITE | GITHUB:// websitr

- A python script for creating a website/webapp project.
- Complete with a python build-tool for favicon, css, and route generation.