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 the Web Engineer job opening at Robinhood. My goal in contacting you is to arrange for an interview at the company. I discovered the job opening through the company's website, and it sparked my interest immediately because of my familiarity with 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 I have been impressed with the app whenever I open it. The position and the company would directly align with my career goals by allowing 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, 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

Fundamentals of Networks
 Internet Protocols
 Computer Networks; Python

Programming Languages
 Development of languages
 Method dispatch; concurrency

Fundamentals of Eng. Algorithms
 C++; Sorting, Tree and Graph
 Algorithms; Algorithm Analysis

Principles of Microeconomics
 Supply, Demand, Market Price
 Monopoly; Competition

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 Mongoose.
- 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.

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