

Nickolas Balboni

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Availability: January - June 2017, through the Northeastern University Co-Op Program

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 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.