

Nickolas Balboni

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

Availability: January - June 2016, through the Northeastern University Co-Op Program

EDUCATION

NORTHEASTERN UNIVERSITY

BS IN COMPUTER ENGINEERING

Expected May 2018 | Boston, MA

GPA: 3.08 / 4.0

Major GPA: 3.27 / 4.0

PHILLIPS EXETER ACADEMY

Grad. May 2013 | Exeter, NH

COURSEWORK

Fundamentals of Networks

Networks; The Internet; Python

Fundamentals of Eng. Algorithms

C++; Sorting, Tree and Graph
Algorithms; Algorithm Analysis

Digital Design and Comp. Org.

Combinational Logic Design;
Sequential Circuits; Verilog

Circuits and Signals

Analog Electronic Circuits

Embedded Des. Enabling Robotics

Unix; C; Wireless Networking

Engineering Problem Solving

C++; MatLAB

Engineering Design

AutoCAD, SolidWorks

SKILLS

Proficient:

Python • JavaScript
Objective-C/iOS • CSS/Sass

Comfortable:

Java • C++ • C • AngularJS
Bottle/Flask • Bash

Familiar:

C# • Android • MySQL

ABOUT ME

- Enjoy playing the guitar and piano.
- Work composing pieces of music in my free time.
- Love to code!

EXPERIENCE

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.
- Worked repairing and maintaining the automation testing project for the team.
- Gained invaluable experience working in an agile setting (specifically scrum), as well as insight into financial markets.

B2W SOFTWARE | SOFTWARE ENGINEERING INTERN

April – September 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.

B2W SOFTWARE | QA & SOFTWARE ENGINEERING INTERN

June – September 2013 | Portsmouth, NH

- Worked with the Track team doing QA and software development work.
- Wrote unit tests and bug fixes for the Track module of the tablet application.
- Gained experience testing software products, logging bugs and using JIRA.
- 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

- Worked creating mobile apps for freelance jobs as well as apps to be released under the company developer account.
- Built mobile applications using both native iOS development (i.e. Objective-C, Swift, Xcode, 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.
- Gained 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.

SCRUMPTIOUS SECURITIES | GITHUB:// scrumptious-securities

- A collection of python scripts designed to scrape, and display metrics for securities as well as store and analyze that data.