

# 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.