



Richard Burdon Deal III

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39 Winners Circle, Shenandoah Junction, WV 25442

Education

West Virginia University - Bachelor of Science, Computer Science, August 2017

Experience

SQA INTERN, INDUSTRIAL SCIENTIFIC; PITTSBURGH, PENNSYLVANIA – SUMMER 2016

Software quality assurance analysis and test case development for iNet Control and public API using Jama and Jira, public API test script development with Python, updated test cases for project Aurora (Tango)

IOS DEV INTERN, MOUNTAIN LINE TRANSIT AUTHORITY; MORGANTOWN, WEST VIRGINIA – SUMMER 2015

Integrated MLTA geographical bus route data with Google Maps on WVU Mobile iOS application, prototyped the MLTA General Transit Feed Specification (GTFS) Realtime Feed for tracking bus locations in real time, and developed the GTFS JSON scheme.

Skills

LANGUAGES: Python, Java, C, Swift, Objective-C, HTML, CSS

OPERATING SYSTEMS: macOS, Linux, iOS

TOOLS: Xcode, Git, OpenCV, Jama, Jira

Personal Projects

PRT MONITOR (LINUX, PYTHON)

Twitter bot written in Python that uses Twython and JSON to compile data on WVU's PRT Status. Provides both historical data and real time notifications through Twitter.

WVU MOBILE (IOS, SWIFT)

Student resource application that provides news, dining hall details and daily menus, map of campus, PRT status updates, bus route information, and events.

STROBOSCOPE (IOS, OBJECTIVE-C)

Strobe light that flashes to the beat of music. It can sync to music being played from another device or the music in your library. Stroboscope also serves as a music visualizer with a colorful display.

Honors & Awards

- ▶ 1st Prize at the WVU App Challenge (Stroboscope, 2014)
- ▶ Eagle Scout of the Boy Scouts of America (2011)
- ▶ Promise Scholar
- ▶ Dean's List (2011-2012)