Ryan Vincent Beatty

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https://github.com/RyanBeatty

EDUCATION

College of William and Mary – Williamsburg, VA — B.S. Computer Science
Major GPA: 3.67 — Est. May 2016

Gonzaga College High School – Washington, D.C. — Completed: July 2012

Undergraduate Coursework – Operating Systems, Systems Programming, Network Security, Algorithms, Software Development, Programming Languages, Data Structures

LANGUAGES AND TECHNOLOGIES

- Python, C/C++, Java, Haskell, Objective-C, JavaScript
- Django, Flask, Node.js, PostgreSQL, Linux/Unix Environment, iOS, Android

PROJECTS

- **Student Taxi Service** (https://goo.gl/7eO5qf) – Platform for W&M students to request rides around the Williamsburg area on weekends to discourage drunk driving. Developed using Python, Flask, Android/iOS, and Twilio.
- **Stock Music** (https://goo.gl/oWB3MK) – Data visualization project that gets stock market prices using the Bloomberg API and converts the data points into musical notes that are then played as a MIDI file. Developed using Python, Flask, and JavaScript.

EMPLOYMENT

Epic Systems — Verona, WI
Sofware Development Intern — May 2015 – Aug. 2015

- Developed iOS application that provides an organized workflow for cytogenetics lab technicians to perform tests for genetic disorders.
- Developed internal iOS framework for providing a generic interface for task-based specimen testing workflows.

American Public Power Association — Crystal City, VA
Junior Developer — Nov. 2014 – March 2015

- Responsible for developing and maintaining features for the eReliability Tracker, an enhanced, web-based version of APPA's Reliability Tracker software.

PBS: Public Broadcasting Service — Crystal City, VA
Software Development Intern — May 2014 – August 2014

- Helped develop **Agora** (https://goo.gl/z64NvZ), a batch analyzer of video stream logs that leverages AWS's Elastic MapReduce to process video player events.