

Ryan Vincent Beatty

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EDUCATION

College of William and Mary – Williamsburg, VA

Major GPA: 3.67

Gonzaga College High School – Washington, D.C.

B.S. Computer Science

Completed: May 2016

Completed: July 2012

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

LANGUAGES AND TECHNOLOGIES

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

NOTABLE 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 won the Best Use of Bloomberg API award at PennApps X. Queries 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

Google

Software Engineer

Mountain View, CA

August 2016 – Present

- As an engineer on the Google Cloud team, I have developed business facing features, made several critical performance enhancements to internal developer tools, and maintained vital systems by fixing bugs and submitting spec compliance changes (HTTP/2).

Epic Systems, Inc.

Software Development Intern

Verona, WI

May 2015 – August 2015

- Designed and developed iOS application that provides an organized workflow for cytogenetic lab technicians to perform and document tests for genetic disorders.

Public Broadcasting Service (PBS)

Software Development Intern

Crystal City, VA

May 2014 – August 2014

- Co-developed **Agora** (<https://goo.gl/z64NvZ>), a batch analyzer of video stream logs that leverages Amazon's Elastic MapReduce service to process video player events.