**MAXWELL POWELL**

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**EDUCATION:**

The Ohio State University, Columbus, OH

B.S. Computer Science Engineering, focus in Software Engineering, Graduation: May 2018

Overall GPA (4.00 Scale): 3.77

**QUALIFICATIONS:**

* Programming Languages: Java, C, C++, Ruby
* Experience with web-development: Ruby/Rails, HTML, CSS, JavaScript
* Knowledge of Object-Oriented Design, Test Driven Development, Agile Development Principles
* CSE Coursework: Software Components; Software Development and Design; Discrete Structures; Data Structure and Algorithms; Low-Level Programming and Computer Organization; Operating Systems; Digital Logic; Design, Development, and Documentation of Web Applications, Artificial Intelligence, Software Engineering Techniques
* STATS Coursework: Statistics for Engineers; Intermediate Data Analysis
* Extensive experience with Linux-based Operating Systems

**WORK EXPERIENCE:**

**OSU Department of Computer Science and Engineering, Columbus, Ohio**

***Student Instructional Assistant*** (October 2016 – Present)

* Classes: Web Applications and Discrete Structures
* Tutor students
* Hold office hours
* Grade lab assignments

**United States Air Force, Mansfield, Ohio**

***Passenger Service Training Liaison*** (September 2013 – Present)

* Coordinate training for traditional guardsmen
* Air Force Basic Military Training Honor Graduate
* Air Transportation School Honor Graduate

**OSU Office of Student Life, Columbus, Ohio**

***Production*** (August 2015 – September 2016)

* Preformed event preparation duties and handled client requests.

**PROJECT EXPERIENCE:**

* OSU FEH Robot Competition: Developed and deployed robotics software for semester-long group project focusing on design, development, documentation, and inter-disciplinary teamwork.
* Camp Registration Application: Developed and deployed feature-rich Ruby/Rails application for registering campers.
* RSS Aggregator: Developed a Java application for aggregating multiple RSS feeds into a single HTML document.
* String Reassembly: Developed Java application for simulated DNA sequencing.
* GUI Calculator: Developed a Java application implementing a calculator using Model-View-Controller Design.
* Game of Set: Contributed to development of game written in Ruby and version-controlled via git.
* Web Scraping: Contributed to development of a Ruby solution for collecting data on upcoming events.
* Optical Character Recognition: Built Neural-Net powered OCR in Java