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