Scott Madeux

smadeux.github.io ● linkedin.com/in/scott-madeux ● (763)-273-3395 ● scott.madeux@gmail.com

Education

Bachelor of Science in Computer Engineering   Expected Graduation: July 2019

Brigham Young University – Idaho   *Rexburg, ID*

- GPA: 3.69
- **Relevant Coursework:** Object Oriented Programming, Data Structures , Embedded Systems, Advanced Digital Systems, Discrete Mathematics

Skills

- C/C++
- FPGA Design
- Verilog
- Linux
- OOP
- Java
- Computer Architecture

Projects

Raspberry Pi Christmas Light Controller   30 Hours

Personal Project   *Blaine, MN*

- Used a Raspberry Pi to control different sets of lights in coordination with music
- Wrote and ran Python scripts on a Linux operating system

Motorized Camera Slider   80 Hours

Embedded Systems Class Project   *Rexburg, ID*

- Built a camera slider run by a stepper motor and controlled by a Raspberry Pi
- Wrote a python script to control the camera slider using the parameters given by the user

Chinese Learning App   72 Hours

Software Development Class Project   *Rexburg, ID*

- Developed an Android app with lessons, quizzes, notifications, and an easy to use menu
- Won the BYU-Idaho Business Department's Fall 2018 Innovator's Challenge

Work Experience

Computer Science Tutor   January 2017 – December 2018

Brigham Young University – Idaho   *Rexburg, ID*

- Demonstrated ability to teach difficult concepts in a manner that is easy to understand
- Helped students gain the study skills necessary to learn on their own and feel successful

Tour Guide   May – September 2017 & 2018

Holland America Princess   *Skagway, AK*

- Ensured the safety and entertainment of 40-45 passengers during 2-day tours of Alaska and the Yukon
- Hired onto the company's highway program and gave premium tours to high paying guests (Uncommon for a first year driver)