

OBJECTIVE

Electrical/Software engineering position

SUMMARY

- Bachelor of Science in Electrical Engineering
- Internship with Opalware
- Experienced with microelectronics, embedded systems and software programming

EDUCATION

Washington State University

Bachelor of Science in Electrical Engineering, June 2017

Some core classes:

Microelectronics
Semiconductor Design
Control Systems

Fundamentals of Digital
Systems
Electrical Circuits

Electrical Power Systems
Design of Logic Circuits
Electronics

SKILLS AND ACCOMPLISHMENTS

- Proficient in C/C++, Python, Assembly, Matlab and Verilog
- Microcontrollers, Chipkit pro MX4, Arduino, and Atmel Sam E70
- Microsoft Word, Excel, PowerPoint and Project
- Experience with PCB design software Altium designer
- Strong knowledge of version control systems such as Git
- Won third place in the Washington State University Robotics competition 2016
- Built and programmed a multi-functional robot entirely in assembly
- Created fully functioning game using Diligent FPGA Board and Verilog
- Performed testing and troubleshooting on electrical circuits
- Highly organized and detail-oriented self-starter
- Strong interpersonal and written communication

EXPERIENCE

Opalware

Electrical Engineering Internship, August 2016-June 2017

- Developed site monitoring system for wildlife conservation using microcontrollers, sensors and cameras
- Tested and iterated on the design for optimal performance
- Diagnosed and fixed issues with microcontrollers and radio transceivers

Bellevue College

Engineering and Design Lab Assistant, September 2013- March 2014

- Provided customer service and technical support to students
- Maintained computer hardware and software applications inventory for the purpose of ensuring availability of equipment and/or instructional material in computer lab
- Troubleshoot malfunctions of hardware and/or software applications for the purpose of determining appropriate actions to maintain computer lab operations