

OBJECTIVE

A recent Computer Engineering graduate seeking an internship or entry-level role on a software development team. A dedicated problem solver who is detail oriented, and has experience with engineering and computer science.

EDUCATION

UNIVERSITY OF WASHINGTON TACOMA - BS in computer engineering **2016**

Relevant Courses:

Embedded Systems, Principles of Operating Systems, Data Structures

CONTINUING EDUCATION - Green River College **2017**

Relevant Courses:

SQL Server, Agile Development Methods

TECHNICAL SKILLS

Professional Working Proficiency:

C++, OOP Java, SQL Server

Working Knowledge:

HTML/CSS, MATLAB, R, MySQL

Exposed To:

PHP, Fat-free, Python

PROJECT EXPERIENCE

Muckleshoot Tribal College Website **2017 - Present**

Part of a web development team redesigning Muckleshoot Tribal College's website. Currently working on a simple content management system, that will make it easier for the Muckleshoot Tribal College to manage and update the website. **Tech Used:** PHP, Fat-Free (PHP Framework), HTML, Bootstrap, and Java Script

Remotely Enabled Automated Blinds **2015 - 2016**

Designed and made a proof of concept of an automated blinds system for a client. The system closed and opened the blinds according to the current ambient light. The device was Wi-Fi enabled so a user could control blinds or change settings via a webpage. **Tech Used:** RedBearLab Microcontroller, and Variety of Sensors

Facial Recognition Security System Design **2016**

Worked in a team to design and implement a door security system using facial recognition. The system could add new recognized users through the training program. The library that handled the facial recognition was OpenCV. **Tech Used:** Intel Edison (microcontroller), Python, Camera, OpenCV, Servo Motor, and LCD Screen

Agricultural Water Tank Control System **2015**

Designed and built a scalable system to control the water level of a storage tank using a micro controller, water pump, and sensors. Conducted controlled experiments to gain the necessary data to make mathematical models of the behavior of the system in MATLAB. The data gained mathematical models along with a Motor Driver Carrier made it possible to effectively control the water level. **Tech Used:** Arduino (microcontroller), Sensors, Water Pump, MATLAB, and Motor Driver Carrier