

CODY NHEM

(503)-332-6928 ——— cody.nhem@gmail.com

EDUCATION

Oregon State University
Electrical Engineering Major, Mathematics Minor

September 2016 - present
Overall GPA:3.10

ACADEMIC ACHIEVEMENTS

Finley Academic Excellence Scholarship(2016)

EECS Rexwell Miller Scholarship(2017)

Phi Kappa Psi New Member Scholarship(2017)

TECHNICAL STRENGTHS

Computer Languages	C/C++, SystemVerilog, Arduino IDE
Software	MATLAB, LTSPICE, CAD(AutoCAD and Microstation), PCB Design, AGi32
Tools	Soldering equipment, Oscilloscopes, SMT components, Function Generators

EXPERIENCE

Tualatin Hills Park and Recreation District(THPRD) May 2015 - January 2020
Receptionist

Phi Kappa Psi March 2018 - May 2019
Scholarship Chairman

- Tasked with promoting academic success in the Oregon Beta chapter of Phi Kappa Psi
- Enforce scholastic requirements among members of the Oregon Beta chapter

Parsons Corporation June 2019-September 2019
Electrical Engineering Intern

- Designed and modified electrical plans for infrastructure projects
- Performed lighting and circuit analysis to certify compliance with city regulations(CALTRANS, UDOT)
- Collaboration with project management and multi-disciplinary engineering teams

PROJECT EXPERIENCE

SNES Adapter
SystemVerilog

- FPGA logic implementation to interface a PS/2 keyboard, IR remote, and 8 bit button board with a SNES gaming system

Programming and Circuit Design
PC Controlled DC Power Supply

- Arduino controlled multi-channel power supply with analog and digital features

Mountain View Corridor Project
Highway Electrical Design

- Design and modification of circuit plans
- Lighting and load analysis on electrical fixtures to ensure optimal performance and compliance with CALTRANS

Moreno Beach Drive Interchange Project
Highway Electrical Design

- Electrical design integration into existing infrastructure