Joshua T. Hanna  
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**PROFESSIONAL SUMMARY** Exceptionally creative and resourceful electrical engineer student who is looking for an internship to expand on my skillset. Able to handle multiple projects simultaneously with high professionalism and accuracy. Takes great pride in personal work to expand a project to its fullest potential.

**EDUCATION**  
**Oregon State University**, Corvallis, OR Expected Graduation Date: Fall 2019  
B.S. in Electrical & Computer Engineering  
GPA: 3.01  
Minor in Computer Science   
 RELEVANT COURSES:  
 Junior Design of Electronic Systems ECE 341/342 Introduction to Data Structures CS 261  
 Electronics ECE 322/323 Signals & Systems ECE 322/323  
 Computer Arch. & Assembly Language ECE 375 Operating Systems CS 344

**PROJECTS**

**Bluetooth AC Switch** Winter-Spring 2018

* Created a system that allows the user to turn four individual outlets and one light source on/off with the use of an Android application.
* Created necessary electrical schematics, BOM, and diagrams that were required for this project.
* Constructed faceplate that would enclose system with SolidWorks

**Two Band Audio Visualizer**, Winter 2018

* Constructed an audio visualizer that swept from 20 Hz to 20k Hz and displayed the frequency with led lights.
* Developed schematics using proper measurements.

**Persistence of Vision Wand**, Winter 2018

* Constructed a wand that displays words from an array of LED lights when waved back and forth

**PERSONAL QUALIFICATIONS**

* Excellent use of skills in time management and meeting deadlines for the betterment of the company as an electrical engineer intern.
* Vast knowledge of electronic circuits and electrical concepts like transistors (BJT’s and FET’s)
* Acquainted with multiple computer languages and firmware development.
* Coming with the ability to maintain safe working environment when working with electrical devices to avoid accidents.
* Exceptional at collaborating on cross functional teams to design, develop and implement various engineering projects.

**INTERNSHIPS**

ESCO Corp. July 2018 – Sept 2018

Intern Portland, OR

* Built systems with Arduino Mega that involved using motors and solenoids that executed with a Python Script
* Constructed Eagle library for PCB design for company
* Expanded on knowledge of embedded programming

**TECHNICAL SKILLS**

Programming Languages:

* C/C++, Python, MATLAB,

Software:

* MS Office, MATLAB, Git, SolidWorks

Operating Systems:

* Microsoft Windows OS, UNIX, IOS

Instruments:

* DMM, Oscilloscope, Soldering Iron

**WORK EXPERIENCE**

University Fencing Inc. July 2011 – September 2011

Handyman Albany, OR

* Built fencing around houses w/co-workers
* Painted Fences

Big Town Hero August 2012 - June 2014

Sandwich Artist Albany, OR

* Worked with machinery (meat slicer & dough mixer)
* Excellent cash register and customer service skills

Red Robin June 2014 - August 2017

Server Albany, OR

* Trained new waiters/waitresses on guest service expectation
* Delivered exceptional, friendly, and fast service
* Skillfully anticipated and addressed guests’ service needs
* Worked at a high pace comfortably for hours

Target Distribution August 2017-May 2018

Packer Albany, OR

* Redistributed products based on demand
* Worked at a high frequency for hours

**REFERENCES** Given upon request