**PROFESSIONAL SUMMARY**

I have worked on many different projects during my undergrad in which was hands-on dealing with micro-controllers and building objects. I am determined and detail-oriented with minimal experience in automotive manufacturing. Eager to gain experience and improve my skillset in the Electrical Engineering field.

**EDUCATION**

**Wayne State University       Detroit, MI**

Master of Science in Electric-drive Vehicle Engineering Graduation Date (December 2023)

**Wayne State University       Detroit, MI**

Bachelor of Science in Electrical Engineering Technology                              Graduation Date (May 2020)

**Wayne County Community College Detroit, MI**

Associate in General Studies Graduation Date (June 2017)

**SKILLS & CERTIFICATIONS**

**Certifications:** CERT Level II| FANUC Cert 2D IRVision, **June 2019**

Handling Tool Operation, Robot Programming, **June 2019**

**Skills:** MS Office | Computer Hardware | Matlab | PLC | Simulink | GSM Modules | Logic Gates | Digital Circuit Design | Arduino | Problem Solving | Machine Operations | Detail-Oriented | Team Leader | Project Managment

**PROJECT EXPERIENCE**

**Designing a Home Security Alarm System using Arduino | Wayne State University** *January-2020 -April 2020*

* Responsible for all hardware connections to have components working and connected with all proper wiring, ensuring the PIR motion detects movements from the microcontroller to send signals to an active GSM module to alert a mobile phone by call after detection. Components and tools used were PIR motion sensor, Arduino UNO, SIM 808 GSM Module, LED lights, breadboard and jump wires.

**Bin Picking with 2D Vision System | Wayne State University** *May 2019-June 2019*

* Combing three systems to work as one fully integrated automated robotics and inspection system by utilizing 6-axis FANUC LR-Mate 200iC robotic system, a 2D-Vision system and picking and packing operation system.

**PROFESSIONAL EXPERIENCE**

**General Motors Warren, MI**

*Manufacturing General & Engineering- Mask Quality Control (Project M)* July 2020-January 2021

* Assemble Level-1 Masks for COVID-19, Auditing and ensuring quality in strength, ear band, welding, and material tests for all masks. Training incoming new team members on instruction and protocol. Ensuring welders and team members for improvement on mask defects. Line leader, source raw materials, fold, weld, and cut. Sterilize and bag masks to prep for delivery.

**American Axle & Manufacturing Auburn Hills, MI**

*Production Machinist* September 2020-October 2020

* Operate machinery with parts, inspect using appropriate gadgets, Diameter checking, Drill depth checks, Check accuracy of parts, Changing tools for machines. Built harnesses from raw material and I also helped work on PCBs as well including adding or removing components from the boards and testing them, and shadowed engineers.

**Oakland international Academy Hamtramck, MI**

*Paraprofessional* August 2015-June 2020

* Substitute teacher and tutored mathematics and ESL to students. Assist teachers in classrooms, involved and managed student clubs, activities, and sports.