

OLUWALANA POPOOLA

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A committed, ambitious, and solutions-focused electrical and computer engineer with technical prowess, commercial expertise and a proven record supporting operations, contributing to projects and developing testing processes to boost efficiencies and improve performance.

Willing to relocate: **Anywhere**

EXPERIENCE

SEPTEMBER 2020 – JUNE 2021

DESIGN PROJECT, OREGON STATE UNIVERSITY

Aim of the project was to design a smart light system integrated with the how.dance online concert platform because of the inability of artist doing live shows due to covid.

- Partly responsible for the design of the online user interface using HTML
- Responsible for Arduino code to display different pattern with music is not being played
- Able to implement the design using an ESP32

APRIL 2020 – JUNE 2020

DESIGN PROJECT, OREGON STATE UNIVERSITY

- Responsible for the design and operation of a stereo VU meter.
- Responsible for the display of the signal converting from audio signals.
- Responsible for the Arduino coding converting audio signal to signal with two outputs showing the how loud each signal is.
- Responsible for the PCB and enclosure designs.

JUNE 2019 – OCTOBER 2019

UHDS SERVICES, OREGON STATE UNIVERSITY

- To ensure the dorm room safety & operations as an Oregon State University housing assistant.
- Sorted out rooms for new students and help with any matter pertaining to the dorms.

JUNE 2015 – DECEMBER 2015

INTERN, MACON NIGERIA LTD

- Supported operations & helped prepare for field projects as an intern at Macon Nigeria
- Proved versatile across planning, test development, data analysis, reporting, procedure development & troubleshooting.
- Quickly won a reputation as a proactive & versatile intern with business acumen, technical expertise & an eye for detail.

EDUCATION

JUNE 2015

HIGHSCHOOL DIPLOMA, BUTTERSTONE INTERNATIONAL SCHOOL NIGERIA

SEPTEMBER 2021

ELECTRICAL AND COMPUTER ENGINEERING, BACHELOR OF SCIENCE, OREGON
STATE UNIVERSITY

SKILLS

- Schematics
- Computer networking
- Access
- Excel
- Microsoft
- C++
- C
- MATHLAB
- Proficient in HTML
- Proficient in AUTOCAD
- Record supporting operations & supporting projects
- Proficient in Python
- Proven technical, business, and analytical prowess
- Arduino
- Soldering

ACTIVITIES

- Member of the National Society of Black Engineers
- Member of the African student association at Oregon state university