Boluwatife Olabiran

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EDUCATION

Florida A & M University, Tallahassee, FL   *May 2019*
Non-Degree in Mechanical Engineering
GPA: 3.63/4.00
Related Coursework:

- Mechatronics
- Engineering Design Methods
- Senior Design 1 & 2
- Modeling and Simulation

Federal University of Technology, Akure, Ondo   *May 2018*
Bachelor of Science in Mechanical Engineering
GPA: 4.02/5.00
Related Coursework:

- Engineering Design
- Electromechanical Machines 1, 2 & 3

Achievements/Awards:

- Dean's List   *May 2015*

PROFESSIONAL EXPERIENCE

Case Projex Construction Limited, Ikeja, Lagos   *May 2018 – August 2018*
Mechanical/HVAC Engineering Intern

- Implemented Autodesk AutoCAD to create Computer Aided Designs.
- Performed mechanical piping and HVAC Computer Aided Design for multiple private and commercial buildings.
- Administered the installation of designed structures on construction sites.

VOLUNTEER/LEADERSHIP EXPERIENCE

Experience Tallahassee 2019, Tallahassee, FL   *January 2019*

- Helped in the preparation and organization of the event.

PROJECTS

Remote Controlled Collision Detection Vehicle (link), Tallahassee, FL   *November 2018 – December 2018*

- Collaborated with someone to create a working prototype of a Bluetooth controlled car that instantly reverses or stops depending on the speed of the car and the proximity of an obstacle in front of the car.
- Features: Arduino Mega 2560 microcontroller to control all the components of the prototype, DC motors for speed and direction control, IR sensor for distance measurement, LEDs to display the state of the vehicle with respect to obstacle distance, Turn signals, Brake lights, Headlights.

Simulated Assembly Line and Process Workstation - Senior Design (link), Tallahassee, FL *August 2018 – May 2019*

- Collaborated with a team of 5 to create a simulated assembly line for Tallahassee Community College.
- Performed programming and hardware tasks for the project.

SKILLS

Software: C Programming, MATLAB, Simulink, Python Programming, Microsoft Office, Linux, Machine Learning, HTML, CSS
Hardware: Arduino
Language: English, Yoruba, Pidgin

ORGANIZATIONS

- American Society of Mechanical Engineers (ASME)   *August 2018 – Present*
- Nigerian Universities Engineering Students Association (NUESA)   *January 2015 – Present*