**Oluwabukunmi Olamiposi Otesile**

**MECHATRONICS ENGINEERING ENTHUSIAST | GOAL ORIENTED STUDENT**

A**beokuta, Ogun State |** [**bootesile@gmail.com**](mailto:bootesile@gmail.com) **|** linkedin.com/in/olamiposi-otesile

**Objective**

Motivated Mechatronics Engineering student with a passion for learning and development. Eager to apply technical skills and teamwork abilities in real-world projects. Seeking opportunities to grow and contribute to innovative engineering solutions.

**Education**

**Federal University Oye-Ekiti; GPA: 4.52/5.0**

**Major:** Mechatronics Engineering

**Expected Graduation year**: 2028

**Experience**

**Projects**

**Road Turbines for Street Lighting**

* Proposed a project to install road turbines that generate electricity for street lights.
* Role: Project Proposer and Coordinator
  + Managed procurement of materials and oversaw initial implementation
  + Coordinated with engineers and local authorities to plan the installation

**Physics Research**

* **Embarked on independent rotational dynamics and aerodynamics lift research (ongoing)**

**Solar Powered Lawn Mower**

* Proposed conversion of fuel powered lawn mowers to solar powered for a farming company
* Purchased materials, designed and built the circuit and electrical wiring
* Integrated various electrical components

**Mini Smart Garden**

* Role: Lead Engineer
* Purchased materials, Built the framework and handled the electrical and mechanical engineering
* Applied mechanical engineering skills and collaborated effectively in a team

**Drone Construction**

* Built a drone from scratch
* Designed and assembled the frame, installed and programmed the flight controller
* Integrated various sensors and tested flight capabilities

**Personal Projects**

* RC Plane: Designed and built a remote-controlled plane, focusing on flight and control systems
* Drone: Designed and built a basic wired quadcopter

**Skills**

* **Technical Skills**: Python, Java(Beginner), fusion360, Arduino Programming(Beginner), Excel, PowerPoint, Illustrator Designer, Software Proficiency
* **Soft Skills**: Teamwork, Communication skills, Critical Thinking, Time management, Self-Motivation Multitasking, Mentorship

**Extracurricular Activities**

* Musician: Play various musical instruments
* Athlete: I participated in community sport games
* Junior Engineers Technicians Society Club(JETS): Built various engineering projects

**Volunteer Experience**

**Academic Tutor**

* Tutored Physics, Mathematics, and Further Mathematics at an academic institution
* January 2024

**Graphic Designer**

* Designed fliers and posters for company

**Product Testing**

* Helped test digital products at a software company

**Certifications and Awards**

* Certificate of Recognition as Best Student in Technological Innovation
* Certificate of academic excellence

**Hobbies and Interests**

* Classical Physics
* STEM Advocacy
* Solving World Problems
* Playing Musical Instruments
* Engaging in Sports