**Ajegbomogun Opeyemi Ayomikun**

No 10, line 11, Ifelere Street, Ile-Ife, Osun State.

Engineer & Computer Programmer| 07061881844

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**PROFESSIONAL SUMMARY**

A multifaceted engineer eager to apply in-depth knowledge and skills in the industry with a keen interest in mechanical and mechanics engineering, material science and metallurgy engineering, computer engineering, data science and machine learning, and software engineering, As a dynamic professional with a relentless pursuit of excellence, I contribute to the realization of the goals and objectives of an organization through the use of my skills, creative, and critical analysis and abilities in the proper handling of opportunities, and effective solutions to challenges, Excellent interpersonal relationships and good communication skills.

**WORK EXPERIENCE**

**SKYWAY AVIATION HANDLING CO. PLC**

**Undergraduate Trainee Feb 2021 – Sept 2021**

* Mechanical, electrical, and mechanics analysis high powered equipment.
* Maintenance equipment characterization through well-log data representation.
* Daily, weekly, and monthly maintenance routines of equipment and machines.
* Fluid Mechanics calculations and analysis in hydraulics systems
* Detection of system and machine faults or damages.
* Repair of hydraulic transmission systems on heavy duties machines
* Identifications of the driving and automating systems of machines.

**EDUCATION**

**EKITI STATE UNIVERSITY, ADO EKITI. EKITI STATE Dec 2016 – April 2022**

* Degree Awarded: Bachelor of Engineering (*B.Eng.)* Mechanical Engineering
* Grade: First Class Honors (4.59 CGPA)
* Thesis: Optimization of A Pyrolysis System for Plastic Waste Management

**FUTURE HOPE COMPREHENSIVE COLLEGE, OSUN STATE Sep 2010 – May 2016**

* Degree Awarded: Senior School Certificate Education (SSCE)
* Grade: Distinction

**FAITH STANDARD CEPHALO MODEL COLLEGE, OSUN STATE Sep 2005 - May 2010**

* Degree Awarded: First School Leaving Certificate
* Grade: Distinction

**CERTIFICATIONS**

* Harvard University CS50x: Introduction to Computer Science and Art of Programming - 3Months
* Harvard University CS50p: Introduction to Programming with Python - 3Months

**HONORS AND AWARDS**

* 2nd Best Graduating Mechanical Engineering Student (Ekiti State University) - 2023
* 2nd Best Graduating Engineering Student
* Overall Best Graduating Student (Future Hope Comprehensive College) - 2016

**SKILLS**

**Technical Skills** **Soft Skills**

Mechanical and Mechanics Analysis Leadership

HTML and CSS Good Communication Skills Algorithms and Data Structures Problem Solving

Structured Query Language (SQL) Creative Thinking

Web Development Critical Analysis

JavaScript Team Work

C Programming Language

Python

Object-Oriented Programming

Data Analysis

Microsoft Office

Microsoft Excel

Flutter

**PROFESSIONAL MEMBERSHIP**

* Nigerian Society of Engineers (NSE), (2023 - Present)

**RESEARCH AND PUBLICATION**

* **Department of Mechanical, Ekiti State University, Ado-Ekiti, Nigeria [2023**]

Topic: Optimization of A Pyrolysis System for Plastic Waste Management (Team Captain).

**COMPUTER PROJECTS**

* Voting System (Plurality, Tideman, Runoff) in C – language
* DNA sequencing and Matching in Python
* LUND’s algorithm for validating Credit Card or Debit Card in C -language and Python
* Ciphering and Deciphering in C - Lanaguage
* Finance Web Application (CSS, HTML, JS, Python [Flask], SQLite)
* Dynamic Web Application for School Team (CSS, HTML, JS, Python [Flask], SQLite)
* Filter [filtering Images to Blur, Edges, Grayscale, Reflect] in C – language
* Recover (recovers deleted and broken images) in C- language