

## **Damilola Ibrahim Olowomojuore**

Bk 31, Zone 5, Ifesowapo street, Iloro, Ile-Ife.

**Telephone:** +2348136181114

**E-mail:** [olowomojuoredamilola@gmail.com](mailto:olowomojuoredamilola@gmail.com)

**LinkedIn:** [www.linkedin.com/in/olowomojuore-damilola-ibrahim-444515119](https://www.linkedin.com/in/olowomojuore-damilola-ibrahim-444515119)

**Portfolio:** <https://damilolaibrahim.onrender.com/>

**Sex:** Male, **Date of Birth:** 1st January, 1997, **Marital Status:** Single, **Nationality:** Nigerian

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### **OBJECTIVES STATEMENT**

Dynamic and resourceful Agricultural and Environmental Engineer with strong expertise in data analysis, machine learning, and environmental research. Proficient in Python programming, back end development, data visualization, and problem-solving, with hands-on experience in academic research and engineering projects. Seeking opportunities to contribute to cutting-edge research, global engineering challenges, and technological innovation.

### **EDUCATION**

- |  |                               |
|--|-------------------------------|
| • <b>Obafemi Awolowo University, Ile Ife, Nigeria.</b>   | <b>March, 2024.</b>           |
| B.sc Agricultural and Environmental Engineering          | CGPA (3.05/5.0)               |
| Grade  | Second Class (Lower division) |
| • <b>Federal Polytechnic Ede, Ede, Nigeria.</b>          | <b>May, 2016.</b>             |
| OND Electrical and Electronics Engineering               | CGPA (3.08/4.0)               |
| Grade  | Upper credit division         |
| • <b>Osun State School of Science, Ile Ife, Nigeria.</b> | <b>April, 2013.</b>           |
| Grade  | High School Certificate       |

### **CERTIFICATIONS**

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|--|------|
| • Professional Machine Learning with python                              | 2022 |
| • Data Science Orientation   | 2022 |
| • Amazon Web Service(AWS) Machine Learning foundation                    | 2022 |
| • Fish farming, Mushroom farming and grasscutter farming training        | 2016 |
| • Unilerver level Up Course: Design Thinking from a Business Perspective | 2025 |

## **KEY SKILLS**

- Python Programming Language
- Microsoft Excel
- Machine Learning and Artificial Intelligence
- Back End Development
- Data Science and Analytics
- Data Visualization (Matplotlib)
- Environmental Research and Impact Assessment
- Problem Solving and Adaptability

## **PROFESSIONAL EXPERIENCE**

### **Data Analyst**

*Seaprine TechSolution, Lagos, Nigeria / 2024 – Present*

- Analyzed large datasets to identify trends, optimize business strategies, and improve decision-making.
- Developed dashboards and reports using Excel, Power BI, Tableau, or other tools to track key performance metrics.
- Performed data cleaning, processing, and visualization using Python, SQL for effective insights.
- Conducted market analysis and customer behavior assessments to support digital marketing efforts.
- Collaborated with cross-functional teams to enhance operational efficiency through data-driven solutions.

### **Agricultural and Environmental Engineer Intern**

*Centre for Energy Research and Development, Ile-Ife, Nigeria / 2020-2021*

- Conducted field and laboratory tests to analyze soil and water for radiation levels.
- Contributed to sustainable environmental practices by identifying and mitigating natural hazards.

### **Biomedical Engineering Intern**

*Obafemi Awolowo Teaching Hospital Complex, Ile-Ife, Nigeria / 2016-2017*

- Collaborated with biomedical engineers to enhance medical device functionality.

- Supported projects bridging engineering and healthcare to improve patient outcomes.

## **PROJECTS**

### **1. Performance Evaluation of a Boiler for Sterilization of Fresh Palm Fruit Bunches**

- Designed and tested steam boiler systems for agricultural applications.
- Analyzed performance metrics using various fuel materials for efficient palm fruit sterilization.

### **2. Construction of Automatic Water Pump Control System**

- Developed a system to automate water pumping by monitoring water levels in tanks and wells.

## **PROFESSIONAL MEMBERSHIPS**

- Nigeria Society of Engineers (NSE)
- Association of Agricultural and Environmental Engineering, OAU
- Nigerian Association of Electrical and Electronics Students, Federal Polytechnic Ede
- Nigerian Association of Technologists in Engineering

## **EXTRACURRICULAR ACTIVITIES AND LEADERSHIP**

- Member, Muslim Students Society of Nigeria (MSSNOAU)
- Taekwondo Practitioner, Awovarsity Taekwondo Klub, OAU

## **AWARDS AND RECOGNITIONS**

- Recognized for outstanding contributions to research on natural radioactivity and its environmental implications.

## **REFERENCES**

Available upon request.