

# DAMILOLA OYEBADE

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Flat 10, IQ Stephenson Building, Stoddart Street, Newcastle-upon-Tyne, NE2 1AW.

## PROFILE

An enthusiastic environmental engineering graduate student with a superb research ethic and a dedicated passion for excellence, skilled in engineering competence and strong leadership skills seeking a professional career in environmental sustainability and industrial ecology.

## EDUCATION

Sept 2019 – Aug 2020 **MASTER OF SCIENCE (M. Sc) - ENVIRONMENTAL ENGINEERING  
NEWCASTLE UNIVERSITY, NEWCASTLE**

Relevant modules: Practical hydraulics, Air Pollution, Solid Waste Management, Pollution Control Engineering, Water supply and treatment, Wastewater Engineering. Dissertation focus on the Life Cycle Assessment of construction wastes.

Oct 2011 - Sept 2016 **BACHELOR OF ENGINEERING (B. ENG) - AGRICULTURAL ENGINEERING  
FEDERAL UNIVERSITY OF TECHNOLOGY, AKURE (FUTA)**

First Class (Hons), 4.61 CGPA; Relevant modules: Advanced Hydraulics, Process Engineering, Irrigation Engineering, Engineering Management, Foundation Engineering, Agricultural Mechanization, Environmental Engineering, Rural Water Resources Management, Engineering Statistics, and Represented the department and university in competitions and conferences.

## TECHNICAL SKILLS & COMPETENCES

**Engineering** Engineering Design: Intermediate user of Autodesk inventor and Autocad; user of MATLAB and COMSOL; Report writing; Quantitative analysis, Solar inverter installation.

**Programs** Python; C++; EPANET; SAP; Microsoft Office; Google tools; WordPress; SPSS.

## PROFESSIONAL EXPERIENCE

Jan 2018 – Aug 2019 **RESEARCH INTERN, CENTER FOR RENEWABLE ENERGY TECHNOLOGY, FUTA**

- Developed solutions towards achieving ten percent reduction in greenhouse emissions through energy audit for university buildings and applicable researches in renewable energy and environmental sustainability;
- Achieved a sustainable campus award to the university based on design, development, and maintenance of Net-zero energy buildings within and outside the campus,
- Increased University's Internal Generated Revenue through development and sales of biogas digester and solar generators; Executed analysis, prepared reports and articles for presentations in meetings and conferences.

Dec 2016 – Nov 2017 **RESEARCH ASSISTANT, ENUGU STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY, ENUGU**

- Lectured year three and four students on courses in Food Engineering and Alternative energy options;
- Co-supervised research projects on biomaterials and renewable energy (photovoltaic and biomass);
- Led a team in restructuring the departmental library and establishment of E-library in preparation for the Nigerian University Commission accreditation.

Jun 2015 - Nov 2015 **ENGINEERING SAFETY ASSISTANT, NESTLE NIGERIA PLC, SAGAMU, OGUN STATE**

- Provided administrative and inspection assistant to the Facility Health and Safety officer;
- Ensured prompt maintenance of health and safety tools at selected points within the factory;
- Carried out health and safety training and assessment to new, casual and third-party workers;
- Demonstrated exceptional learning and communication skills in compliance negotiation and safety reporting to the senior managers.
- Ensured smooth running of the Health and safety office by carrying out a prompt risk assessment, inspection and tagging of devices.

## PUBLICATIONS

- Okunola O. I., **Oyebade D. A.** and Olanrewaju O. O., (2019). Development of Shredding and Washing Machine for Polyethylene Terephthalate (PET) Bottles Pelletizer. *International Journal of Engineering Science and Application*. Vol 3 (2), pp 102 -109 [pdf](#)
- Olanrewaju O. O. and **Oyebade D. A.**, (2019). Development of a Batch-type Biogas Digester using a combination of Cow dung, Swine dung, and Poultry dropping, *Journal of Energy Research and Reviews* (Under Review)
- Olanrewaju O. O. and **Oyebade D. A.** (2019). Environmental menace of plastic waste in Nigeria: Challenges, Policies, and Technological Efforts. *Proceedings of the 2<sup>nd</sup> Edition of World Environment Conservation Conference (WECC): Transition Pathways to Sustainable Development Goals: Integrated Landscape approach, Economic wellbeing and Inclusive climate resilience.*, Federal University of Technology, Akure, Nigeria. June 5-8, 2019. [pdf](#)

## AWARDS & RECOGNITIONS

- Sept 2019 **COMMONWEALTH SHARED SCHOLARSHIP (MSC) | NEWCASTLE UNIVERSITY**
- Funded by the UK Department for International Development (DFID) and Newcastle University to enable talented and motivated students from least developed, low- and middle-income Commonwealth countries to gain knowledge and skills required for sustainable development.
- Sept 2016 **BEST GRADUATING STUDENT | DEPARTMENT OF AGRICULTURAL AND ENVIRONMENTAL ENGINEERING, FEDERAL UNIVERSITY OF TECHNOLOGY, AKURE**
- Recognition for high-level academic performance demonstrated by the student to have graduated top of the department.
- Sept 2013 – Aug 2016 **MEDICAL AND ENGINEERING SCHOLARSHIP AWARD | AGBAMI**
- Annual undergraduate scholarship funded by Star Deep Water Petroleum Limited, a Chevron company, and operator of the Agbami Field as a major component of their Social Investment in the strategic development of health and education in Nigeria.

## PROFESSIONAL MEMBERSHIP

- Jan 2020 **INSTITUTE OF ENVIRONMENTAL MANAGEMENT & ASSESSMENT | MEMBERSHIP NUMBER: 0142449**  
Professional body based on environment and sustainability, committed to supporting, encouraging and improving the confidence and performance, profile and recognition of registered professionals.
- Dec 2019 **CHARTERED INSTITUTION OF WATER AND ENVIRONMENTAL MANAGEMENT | STUDENT MEMBER**  
Independent professional body centered on advancing the science and practice of water resource management and environmental resource management for sustainability.

## VOLUNTARY EXPERIENCE

- Jan 2018 - Present **GREEN AMBASSADOR | GREEN INSTITUTE NIGERIA**
- An advocate for green living, resource utilization, waste reusability and recycling with a focus on youth empowerment and social welfare exhibiting project management skills. Primary education charity funded by earnings from baled plastic waste and redesigned solid waste.
- Jan 2017 - Nov 2017 **AGRICULTURAL RESEARCH OFFICER | AGRO-ALLIED AND ENVIRONMENTAL COMMUNITY DEVELOPMENT SERVICE, NATIONAL YOUTH SERVICE CORPS, NKANU WEST, ENUGU STATE**
- Increased agricultural output and farmer's earnings through outreaches to communities on sustainable and technology-driven agricultural practices through teamwork showcasing my presentation and communication skills.
  - Achieved youth involvement and grassroots participation in agricultural and environmental sustainability by establishing young farmers club and Eco-green clubs.

## TRAININGS & CERTIFICATIONS

- Ongoing **ENERGY PRODUCTION, DISTRIBUTION AND SAFETY**
- State University of New York at Buffalo
- April 2017 **WIND ENERGY | Technical University of Denmark - DTU**
- License number: LJ36WCYQUR3T
- Feb 2017 **HEALTH, SAFETY AND ENVIRONMENT 1, 2 & 3**
- Project management Development Center, Enugu, Nigeria

## REFERENCE

Available on Request