EDUN JOSHUA

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EDUCATION

Federal University of Agriculture, Abeokuta   *March 2017 - February 2023*

College of Engineering - *Department of Agricultural and Bioresources Engineering*

GPA: 4.58/5.00 *, First Class Honours*

Concentrations: Environmental Engineering

Extracurriculars: Member*,* Electoral Commitee of the Agricultural & Bioresources Student Association (2018 - 2019);
Chairman, Electoral Commitee of the Agricultural & Bioresources Student Association (2021);
Design Team (Office of the Social Secretary), FUNAAB Student Union.

Thesis: Determination of the Best Infiltration Rate Models of FUNAAB Soil at CEADEASE Farm

Relevant modules: Design of Environmental Control Structures, Soil and Water Conservation Engineering, Hydrology for Engineers, Hydraulics Engineering

WORK EXPERIENCE

National Youth Service Corps - *Research Assistant;* Ile-Ife, Osun   *Sept 2023 - Till date*

- Research Assitant under the guidance of Dr. Jacobs Olowoyo from the Department of Management Sciences at Oduduwa University.
- Invigilated examinations as a member of the exams and records department
- Carried out statistical analysis using SPSS on socio-demographic data regarding tax policies and health insurance in Nigeria.

Africa Trainovation Consulting - *Data Analytics Instructor* - Abeokuta, Ogun   *May 2023 - Sept 2023*

- Instructed students in effectively using Excel functions, formulas, and data visualization techniques.
- Conducted interactive workshops and hands-on exercises to enhance practical skills in SQL querying and database management.
- Guided students in leveraging Power BI for data visualization, dashboard creation, and report generation.

Chief Cornerstone High School - *Assitant Database Administrator*; Abeokuta, Ogun   *July 2022 - Nov 2022*

- Facilitated the implementation of software solutions in order to support the school's transition towards a data-driven enterprise; collected data on over 600 students and designed a 15 table database to hold the information in an organized manner for accuracy and completeness of information
- Developed a Flask application with authentication, enabling users to register new students and staff
- Designed to reduce time and resources required for registration processes, improving operational efficiency

National Centre for Agricultural Mechanization - *Engineering Intern;* Ilorin, Kwara   *May 2021 - October 2021*

- Worked in a federal government parastatal in the SIWES Industrial Training programme as per requirements of the Nigerian Society of Engineers.
- Employed AutoCAD software to design food processing machines and structural components of factory installations.
- Collected and analyzed data generated from machine tests in order to improve and iterate upon product design and performance.

ADDITIONAL COURSES

Google Africa Developer Scholarship - *Cloud Engineering, Google*   *June 2022 - March 2023*

- One of 3% of developers onboarded that made it to the certification phase.
- Architected cloud infrastructures on Google Cloud Platform (GCP).
- Created and queried cloud data storage solutions, specifically using Google BigQuery as a data warehouse as opposed to on-prem data centres

Global Environmental Management - *Technical University of Denmark (DTU)*   *July 2019 - Dec 2019*

- Completed MOOC with a 95% score
- Learned resource efficiency, waste management strategies, social sustainability analysis with case studies in Greenland, Denmark and China

ALX-T Data Analytics - *Udacity - ALX* *July 2022 - Oct 2022*
- Graduated top of cohort, subsequently earning The Room fellowship
- Used Python to analyze real world data, including gun sales trend in the United States
- Wrote and deployed code that passed multiple code reviews by seasoned Python developers

SKILLS AND INTERESTS

Software - SQL, Power BI, R, SPSS, Tableau, QGIS, Python (Pandas, Matplotlib, FastAPI, Flask, Django), AutoDesk Inventor

Interests - Data Visualization, Reading (Philosophy, Classics), Movies

Sports - Sprinting (200m, 400m and 1500m), Volleyball, Football

Certifications and Professional Body Memberships -   NNPC/Chevron 2018 Scholar; Project Management Professional (Sea-Seal Concepts, 2018); ALX-T Data Analytics (Udacity, 2022); The Room Talent (ALX, 2022); Google Africa Developer Training Programme (Google, 2023); IoT Fundamentals: Big Data & Analytics (Cisco, 2023)

Portfolio - https://joshuaolubori.github.io/portfolio-react1