

AYODEJI S. ADEYEMO

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EDUCATION

University of Louisiana, Lafayette

Master of Science in Informatics

May 2024

Lafayette, LA

- GPA: 4.0

Areas of Interest: Data Science, Data Analytics, Machine Learning, Data Engineering, Cloud Computing

Obafemi Awolowo University, Ile-Ife, Nigeria

Bachelor of Science in Geology

May 2015

Ile-Ife, NG

- GPA: 3.08

- Mobil Producing Nigeria – Geology Intern; carried out research, and presented on the Evaluation of Paris Reservoir of the XX Field, Gulf of Mexico; gained exposure to interpreting well and seismic data

RELEVANT SKILLS

Python (Pandas, Numpy, Seaborn), R, MySQL, Power BI, Tableau, Microsoft Excel (VLOOKUP, Pivot Tables, Conditional Formatting, Dashboards). **Soft Skills:** Communication, Organization, Interpersonal, Critical thinking, Team player

EXPERIENCE

Region 4 STEM Network Center (R4SNC)

Graduate Assistant

January 2022– Present

University of Louisiana, Lafayette, LA

- Manages regional database.
- Analyzes regional operational data with pivot tables, and charts, developed instructional resources and presentation used to communicate with decision makers.
- Assisting R4SNC with implementing STEM education (K-12) programs to meet the regional demands of the workforce, creating a database of new and recurrent contacts and their contributions to STEM.

Preston Associates

September 2018 – December 2021

Program Officer

Abuja, Nigeria

- Managed organizational database, using Microsoft Excel, Python, R and Structured Query Language (SQL) to organize, clean-up, analyze and present operational data in reports and PowerPoint. Led research and data management activities, communications and knowledge management, website management and maintenance, social media marketing efforts. Contributed to business development and winning organizational grant worth over \$20M.
- Coordinated and performed oversight of FBM exercises, tool development, recruitment, training, and supervision of consultants and service provider employed for the activities, engaged in relevant communications with the Monitoring Evaluation and Learning (MEL) Activity FBM Coordinator, review, and finalization of FBM reports as well as debrief PowerPoint presentation, responsible for the financial management of the FBM activity. Strategy of developing digital tools increased consultants' efficiency by 50%.
- Maintained oversight of both external and internal monitoring of all aspects of the activity, including data collection exercise. Supported the development of monitoring and evaluation plans and tools, using machine learning and deep learning. Directly involved in the development of Iwadii App, a mobile application for conducting quantitative research, using JavaScript and flutter.
- Conducted document review, mapped and validated polio assets across States in Nigeria. Conducted financial modelling for transition costs of assets to the government. Finalized the Nigeria Polio Business Case.
- Collaborated with other staff to organically grow the followers of the organization's social media handles by over 3000%, resulting in an increased online presence and engagement.

Geodel Integrated Services Ltd

August 2015 – August 2018

Field Geologist

Abuja, Nigeria

- Coordinated all geological and geophysical field activities.
- Carried out geological mapping, IP geophysical surveys and geochemical sampling in parts of Northern Nigeria. Developed comprehensive reports and presented findings to investors, leading to the investment of over \$3M in various gold and lead-zinc mining fields.
- Participated in the mineral database update of Niger State, and geophysical investigation of Kaolin in Ijero, Ekiti State, Nigeria.

PROJECTS

- **Machine Learning** – Provided insight on traffic patterns in key areas with a variety of classification methods using R, created, trained, and evaluated decision tree, used supervised machine learning for classification and regression models. <https://github.com/AyodejiBeryl/Machine-Learning-Project>
- **IT Governance, Risk Management, and Compliance** – Techniques for identifying analyzing, and mitigating relevant threats, vulnerabilities, and exploits, risk mitigation security controls and developing risk mitigation plan, performing business impact analysis
- **Data Query** - Intermediate knowledge of MySQL/SQL, phpMyAdmin web interface, and the relational database model.

- **Data Visualization** – Proficient use of PowerPoint, calculated fields, customized calculations, conditions & filter for Excel dashboards and reports

VOLUNTEERING

- Director, Fundraising, Big Event, University of Louisiana, Lafayette
- President, Nigeria Red Cross, National Youth Service Corps (NYSC), Community Development Service (CDS) Group
- President, Geology Student Society, Obafemi Awolowo University, Ile-Ife, Nigeria