

JOSHUA OLISA-EMODOH

DATA ANALYST/SCIENTIST & ELECTRICAL/ELECTRONICS ENGINEER

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Portfolio: <https://joshua-olisa.github.io/>

PROFESSIONAL SUMMARY

Enthusiastic and motivated university graduate with a B.Eng. in Electrical Electronics Engineering with a strong interest in pursuing a career in electrical design, renewable energy, and data science. Understands the importance for data-driven decision-making. Proficient in data analysis using various tools such as Python, R, and Excel, with a keen eye for detail and problem-solving. A dedicated team player, hardworking, and committed to contributing innovative solutions while growing professionally. Eager to gain hands-on experience in electrical design and renewable energy projects as well as develop a strong work ethic, and build valuable interpersonal skills to make a meaningful impact in the engineering and data industries.

AREAS OF EXPERTISE

PROFESSIONAL SKILLS: Leadership | Data analysis | Creative problem solving | Critical thinking | Project management

Team work | Time management | Technical studies | Attention to detail | Documentation

TECHNICAL SKILLS: AutoCAD | Python | SQL | R | Tableau | Power BI | Microsoft Project | Excel | PowerPoint.

PROFESSIONAL EXPERIENCE

ENGINEERING INTERN, Forlyon Technologies Ltd. • Abuja, Nigeria

MAR 2023 – SEP 2023

Forlyon Technologies Ltd is an Integrated Services and Resources provision company with a special focus in the area of “Technologies Acquisition”. Services include; Fire Fighting Systems, Access Control, Security & Surveillance, Home Automation, Emergency Management.

- Worked with a team of engineers and gained hands-on experience in the installation, maintenance, and supervision of various safety and security systems
- As a member of the project team, I oversaw diverse project aspects throughout the entire life cycle, ensuring effective management from initiation to successful completion.
- Accomplished timely and meticulous completion of various electrical project designs utilizing AutoCAD, ensuring a high level of detail and documentation.

EDUCATION

BEng Electrical/Electronic Engineering

September 2019 – August 2024

Nile University of Nigeria, Grade: 4.45

Abuja, Nigeria

CERTIFICATIONS

Google Data Analytics Professional Certificate

June – October 2024

- Gained understanding and proficiency with tools for effective data analysis, including SQL, Spreadsheets, Tableau and R
- Learning how to visualize and present data findings in dashboards, presentations, and commonly used visualization platforms

Accenture North America Data Analytics and Visualization Job Simulation on Forage

July 2024

- Served as a Data Analyst at Accenture, providing strategic guidance to a hypothetical social media client through a simulation, leveraging data-driven insights.
- Cleaned, modelled and analysed 7 datasets to uncover insights into content trends to inform strategic decisions
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders

GE Aerospace Explore Electrical Engineering Job Simulation on Forage

August 2024

- Enhanced skills in aerospace systems engineering through a job simulation, resulting in improved electrical system design and troubleshooting capabilities for navigation issues in complex environments.
- Acquired technical proficiency in electrical distribution planning, circuit breaker selection, and compliance with aerospace standards using industry-standard tools and methodologies.
- Developed critical thinking and problem-solving abilities to diagnose and strategize solutions for avionics reliability in challenging environmental conditions, employing simulation software for environmental impact assessment.
- Strengthened technical documentation and reporting skills, creating comprehensive design proposals and assessment plans that adhere to rigorous aerospace engineering protocols and safety requirements.

CBRE Project Management Job Simulation on Forage

September 2024

- Successfully completed a project management simulation at CBRE, demonstrating leadership and organizational skills
- Conducted an initial review of a showroom project plan for a global manufacturer of high-end kitchen appliances
- Developed a Gantt chart to track the progress of the project and considered the project's risks and dependencies

IBM Data Science Professional Certificate

October – December 2024

- Gained proficiency in data science tools and techniques, including Python, SQL, Pandas, Scikit-learn, and Jupyter, for data analysis and predictive modelling.
- Completed hands-on projects such as creating dynamic dashboards, predicting housing prices with regression models, and applying classification algorithms for loan repayment predictions.
- Developed skills in data visualization, statistical analysis, and machine learning to extract actionable insights and drive data-informed decisions.
- Built a portfolio of real-world projects demonstrating expertise in data wrangling, analysis, and advanced modeling techniques.

IBM - Generative AI for Data Scientists Specialization

December 2024

- Gained expertise in recognizing real-world applications of generative AI, identifying models and tools for text, code, image, audio, and video.
- Developed a deep understanding of prompt engineering concepts, including techniques for crafting impactful prompts.
- Learned how to select and apply generative AI tools for various data science use cases.
- Applied prompt techniques to generate and augment datasets, refining machine learning models for improved outcomes.