OKWECHIME, Dennis Ikechukwu

https://dennis-okwechime.onrender.com/

Email : olajuwonayobami@gmail.com
Mobile : +2349038398115

EDUCATION

The University of Bolton	Bolton, United Kingdom
Masters in Data Analytics and Technologies	*May 2024*
University of Lagos	Lagos, Nigeria
Bachelors in Metallurgical and Materials Engineering	*Nov 2019*

EXPERIENCE

Grand Investments / Estates — London, UK
Investment Analyst · — *Jun 2020 - Present*

- **Financial Modeling and Reporting**: Leveraged spreadsheet applications to create, edit, and update financial models and reports. Implemented financial data analysis and visualization to support informed decision-making.
- **Office Management**: Streamlined office operations by managing incoming mail through sorting and distribution, and facilitated efficient communication by scheduling and setting up virtual meetings.
- **Foreign Exchange (Forex) Trading**: Identified and capitalized on forex trading opportunities by analyzing market conditions and executing trades on a trading platform. Employed risk management strategies to mitigate financial exposure while capitalizing on currency fluctuations in the forex market. Monitored trading activity to identify trends and opportunities.
- **Client Relationships and Market Analysis**: Cultivated and maintained positive client relationships and performed comprehensive market analysis to inform strategic trading decisions.

Just Inc. — Remote
Nigeria Head of Operations and Maintenance · — *Dec 2019- Apr 2020*

- **Fleet Management**: Ensured fleet readiness through maintenance, servicing, and inspection of vehicles. Provided operational guidance to riders, advising on daily duties and best practices. Contributed to efficient fleet management by assisting with procurement, installation, and activation of tracking devices for new vehicles.

Nigeria Railway Corporation — Lagos, Nigeria
Undergraduate Researcher · — *Jun 2018 - Nov 2018*

- **Train Maintenance and Development**: Contributed to train maintenance through developing a temporary brake pad solution, servicing and maintaining trains, and fabricating metal components through cutting, welding, and bending. Documented train components and assemblies for efficient maintenance procedures and prepared a training report to share knowledge and ensure efficient practices.

PROJECTS

Air Quality Index Prediction: As part of Bachelors project, I leveraged Python for AQI prediction model development utilizing data analysis and machine learning techniques. Performed data preprocessing and visualization in Excel and Python to prepare data for model development. Communicated AQI insights effectively through detailed reports and visualizations. Deployed on Streamlit

Analyzing and Forecasting Time Series Data with R: Performed seasonal decomposition, outlier detection, stationarity tests, autocorrelation, and ARIMA modeling on time series data.

UK House Price Prediction: Scraped property data from leading real estate websites. Developed a predictive analytics model using Linear Regression, Random Forest, XGBoost, and Catboost. Implemented image recognition models (MobileNet and InceptionV3)

Job Data Analysis in SQL: Cleaned, analyzed and performed statistical analysis of job data in pure SQL

Grocery Sales Analysis in Power BI: Analysis of a grocery store retail chain with a modern BI tool

PROGRAMMING SKILLS

Languages: Python , R	**Technologies:** TensorFlow , Sklearn , Deep Learning