Data Scientist

OKWECHIME DENNIS IKECHUKWU

+2349038398115| olajuwonayobami@gmail.com
LinkedIn: okwechime-dennis
Bolton, BL1 4SJ

Skills

- Data Analysis Tools: SQL (SQL Server), Python (Pandas, NumPy, Matplotlib, BeautifulSoup)
- Machine Learning: Model development and evaluation Machine learning
- Data Visualization: Microsoft Power BI, Excel (VLOOKUP, Conditional Formatting, Pivot Tables)

- Programming Languages: Python, R
- Data Management: Data structures, algorithms, data preprocessing
- Soft Skills: Teamwork, collaboration, excellent written and verbal communication

Work Experience

Investment Analyst | GRAND INVESTMENTS / ESTATES, London   **June 2020 – Present**

- Leveraged spreadsheet applications to create, edit, and update financial models and reports.
- Facilitated efficient communication by scheduling and setting up virtual meetings.
- Streamlined office operations by managing incoming mail through sorting and distribution.
- Identified and capitalized on foreign exchange (forex) trading opportunities by analyzing market conditions and executing trades on a trading platform. (This combines the two points about forex)
- Employed risk management strategies to mitigate financial exposure while capitalizing on currency fluctuations in the forex market. (Strengthens the forex point)
- Monitored trading activity to identify trends and opportunities.
- Cultivated and maintained positive client relationships.
- Performed comprehensive market analysis to inform strategic trading decisions.

Nigeria Head of Operations and Maintenance | JUST INC, LOGISTICS (Remote)   **December 2019 – April 2020**

- 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.

Undergraduate Researcher| Materials Research Laboratory, University of Lagos   **February 2019 – November 2019**

- Performed material characterization using various techniques such as tensile tests, X-ray diffraction, differential scanning calorimetry, thermogravimetric analysis, hardness testing, and scanning electron microscopy.
- Investigated the properties of polymer blends by melt blending Polylactic Acid (PLA) with low-density Polyethylene (LDPE) in different ratios and characterizing the resulting materials. (Combines the last three points)
- Co-authored a research publication on the processing and characterization of PLA/LDPE blends, demonstrating

Intern| Nigeria Railway Corporation, Lagos   **June 2018 – November 2018**

- Contributed to train maintenance through:
  - Developing a temporary brake pad solution
  - Servicing and maintaining trains
  - Fabricating metal components through cutting, welding, and bending
- Documented train components and assemblies for efficient maintenance procedures
- Prepared a training report to share knowledge and ensure efficient practices

Projects

Air Quality Index Prediction | Masters Project, Bolton, UK **April 2024**

- 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.

EDUCATION

MASTERS IN DATA ANALYTICS AND TECHNOLOGIES– The University of Bolton – Bolton, United Kingdom   May 2024
Majors: Data Science, machine learning, Solution design and ethical practice, big data technologies

BACHELORS IN METALLURGICAL AND MATERIALS ENGINEERING – University of Lagos – Lagos, Nigeria   Nov 2019