

EHIMWENMA OMOREGBEE, M.sc

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Data Scientist | ML Engineer, Microsoft Certified.

Microsoft Certified Azure Data Scientist and Oracle Certified SQL Database associate with 3+ years' experience driving business growth with data. Business-minded data scientist with knowledge and skills of the whole machine learning pipeline from Data Preparation, Data Cleaning, Model building and Model Deployment.

SKILLS:

Python(NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn, flask), Spark(PySpark), Keras, TensorFlow, SQL (Microsoft SQL Server, Oracle), Tableau, Azure, Matlab.

EDUCATION

2021-01 -	Master of Science: Electrical Engineering
2022-07	<i>Tuskegee University - Tuskegee, AL</i>
2010-09 -	Bachelor of Engineering: Electrical Engineering
2015-09	<i>University Of Benin – Nigeria</i>

WORK EXPERIENCE

1. Tuskegee University, ALABAMA

Research Assistant, Jan 2021 to Present

- Development of a novel classification filter using machine learning Algorithm (Support vector machines) to provide a shift-invariant classification of images in real-time.
- Teaching and grading undergraduate-level courses in electrical engineering and python programming.
- Generated data models performed Data analysis and helped produce reports outlining results.
- Conducted, researched, drafted memos and summaries on Signal processing
- Gathered, arranged, and corrected research data to create representative graphs and charts highlighting results for presentations.

2. Ikeja electric plc (Nigeria Largest Power Distribution Utility)

Data Analyst (Operations), Sept 2018 to Dec 2020 | Trainee Analyst, July 2017 to Sept 2018

- Reduced Grid Energy loss from **18%** in **2018** to less than **2%** in **2020** because of advanced querying and cleaning messy energy data sets.
- Developed an intricate algorithm based on deep-dive statistical analysis for billing unmetered energy customers which boosted billing efficiency from **68%** to **89%** in the year **2019**
- Worked with sales teams to perform in-depth analysis to identify the causes of low commercial energy, which resulted in increased commercial energy by **13%**
- Increased energy wheeling efficiency of more than **90%** through the years **2019 & 2020** due to low equipment downtime.
- Analyzed and processed complex data sets using advanced querying, visualization, and analytics tools.
- Creating reports, metrics and dashboard showing different business KPI's

CERTIFICATIONS

- Microsoft Certified Azure Data Scientist Associate 2021
- Oracle Database SQL Certified Associate 2021

HONOURS & AWARDS

- **Graduate School Fellowship:** Awarded by Tuskegee graduate school to exceptional graduate students Jan 2021