#### SAMUEL OBINNA OFOEGBU

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## **EDUCATION**

University of Lagos

Bachelor of Science (B.Sc.), Mathematics (3.54/5.0 CGPA)

Lagos, Nigeria

Ongoing

**Christ the King Catholic College** 

West African Secondary School Certificate (6 Distinctions)

Ogun, Nigeria

2020

#### DATA ANALYTICS PROJECT EXPERIENCE

- Developed a predictive model using Decision Trees, achieving 80% accuracy in forecasting cancer diagnoses based on patient health data, applying feature engineering and model evaluation techniques to improve predictive performance.
- Built a machine learning model utilizing K-Nearest Neighbors (KNN) to predict diamond carat sizes, achieving a 90% confidence level by leveraging data preprocessing, model tuning, and cross-validation.
- Engineered a fraud detection model with advanced machine learning algorithms, achieving 94% accuracy in identifying fraudulent transactions through anomaly detection and pattern recognition techniques.

#### WORK EXPERIENCE

**Great Place to Work** Lagos, Nigeria 2024

Data Analyst Intern

- Conducted employee surveys to assess workplace culture and engagement, gathering key insights for decision-making.
- Analyzed survey data using statistical techniques and visualizations to identify trends, leading to a 25% increase in customer return.
- Designed and presented data-driven solutions to enhance company performance and employee satisfaction.

University of Lagos Lagos, Nigeria Academic Tutor 2024

- Assisted students in Python programming, data visualization (using libraries like Matplotlib and Seaborn), and machine learning projects, enhancing their technical skills and project outcomes.
- Delivered personalized, one-on-one tutorials in Statistics, Physics, Calculus, and Linear Algebra, tailoring instruction to individual learning needs.
- Simplified complex concepts through targeted teaching methods, resulting in a 20% improvement in students' average grades and overall academic performance.

# **CERTIFICATIONS**

2023 SQL Intermediate, Coursera

Introduction to Data Science. Coursera 2022

# NOTABLE ACHIEVEMENTS

Scholar, Nigeria Higher Education Foundation 2024

## **SKILLS & INTERESTS**

Skills Microsoft Office Suite, Python, SQL, C++, Machine Learning, Data Analysis

Languages English (Fluent), Igbo (Intermediate)

**Interests** Data Analytics, Quantitative Analysis, Research, Programming, Technology Framework Tensor Flow, Scikit Learn, Pandas Natural Language Processing (NLP), Computer

Vision

**Portfolio** LeetCode, Coding Ninjas, Code Signal