Okanta Michael

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PROFESSIONAL SUMMARY

Proactive and analytical data professional with expertise in statistical modeling, data visualization, and problem-solving across finance, healthcare, and operations. Skilled in leveraging advanced statistical techniques and programming tools to drive actionable insights and improve decision-making processes. Adept at communicating complex data-driven narratives to diverse audiences, fostering collaboration, and delivering impactful results.

SKILLS

Scientific Computing (R, JMP, SAS, SQL, Python)

Data Visualization (Power BI, Tableau)

Financial Data Reporting & Bank Reconciliation

Data Management

Customer Service

Statistical Modelling (Regression Analysis, Time Series, Simulation Studies, Predictive Modeling)

Microsoft Office Suite (Word, Excel, Powerpoint, Outlook)

Tools & Systems (DHIS2, DHIMS, Finacle)

EXPERIENCE

Miami University — **August 2023 - Present**
Graduate Assistant

- Facilitated the learning of over 200 students every semester in STA 261 (Introduction to Statistics), providing guidance on statistical concepts and applying tools like JMP and Excel for real-world analysis.
- Collaborated with faculty to design course materials, grade assignments, exams, quizzes and projects, ensuring alignment with academic standards and enhancing students' comprehension of statistical methodologies.
- Led weekly office hours and review sessions, providing individualized support to students and reinforcing key statistical concepts to enhance comprehension and application.

Ghana Exports & Imports Bank (GEXIM Bank) — **April 2023 - July 2023**
Intern

- Managed financial data using SQL and Finnacle systems, enhancing monthly reporting accuracy and compliance.
- Prepared and analyzed financial reports to inform quarterly and monthly decision-making processes.
- Designed presentation slides to visualize financial performance metrics for management meetings.
- Enhanced transaction efficiency and accuracy by preparing, reviewing, and editng cheques, invoices and memos.

Ghana Health Service - Adentan Municipal Health Directorate

National Service Personnel — **October 2021 - September 2022**

- Coordinated data collection and reporting for COVID-19 vaccination campaigns, impacting over 10,000 recipients in schools, organizations and community centers.
- Trained over 50 healthcare professionals on the use of digital platforms for real-time data reporting, reducing errors and enhancing efficiency.
- Delivered detailed data summaries and recommendations to aid public health resource allocation and policymaking.

EDUCATION & CERTIFICATION

Master of Science in Statistics

Miami University, Oxford OH
Expected in 08/2025

Bachelor of Science in Mathematics

Kwame Nkrumah University of Science and
Technology, Kumasi-Ghana
09/2017 - 11/2021
First Class Honors

DataCamp Certification (Introduction to R, Tidyverse & ggplot2)

LEADERSHIP & VOLUNTARY WORK

- COVID-19 VACCINATION DATA MANAGER, 2021-2022 (ADENTAN MUNICIPAL HEALTH DIRECTORATE).
- PUBLICITY TEAM MEMBER, 2020-2021 (SCIENCE STUDENTS' ASSOCIATION).
- HEAD, AUDIT COMMITTEE, 2019-2020 (ASSOCIATION OF MATHEMATICS' STUDENT).
- FINANCE COMMITTEE MEMBER, 2018-2021 (ROYALHOUSE STUDENTS' ASSOCIATES).