Samuel Ofoegbu

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EXPERIENCE

WAYA LINKS | Data Science Intern
April 2025 – May 2025 | Lagos, Nigeria
- Generated performance reports and KPIs for the Wayagram app using Excel and Power BI, improving visibility of key metrics.
- Analyzed engagement and productivity trends across Wayagram and Waya Bank platforms, providing insights for growth strategies.

NITHUB | Volunteer: Research Assistant
May 2025 - Present | Lagos, Nigeria
- Delivered a session on AI literacy and the future of AI adoption to students and professionals.
- Conducted web scraping on food-selling platforms to support the development of an AI-driven food price monitoring system.

BRAINWAVE MATRIX | Machine Learning/AI Intern
Feb 2025 – Mar 2025 | Remote
- Developed a Fake News Prediction model with 85% accuracy, strengthening online information verification.
- Built a fraud detection system achieving 94% accuracy through anomaly detection and advanced ML techniques.

GREAT PLACE TO WORK | Data Analyst Intern
Sept 2024 – Dec 2024 | Lagos
- Analyzed workplace culture survey data using statistical and visualization methods, identifying trends that boosted customer return by 25%.customer return.
- Designed and administered employee engagement surveys, providing actionable insights for HR decision-making.

MATHEMATICS FOR LIFE FOUNDATION | Volunteer
Jan 2021 – Present | Lagos
- Coordinated and curated examination questions for inter-school mathematics competitions, ensuring quality and fairness.
- Supervised and facilitated scholarship examinations for penultimate-year students, supporting access to academic opportunities.

PROJECTS

MCP SERVER (CLAUDE) | Personal Project |2025
- This uses of the Model Context Protocol server with FastMCP framework to expose programmable tools for Claude AI via natural language prompts.

PUNPOETS MEDIA | Personal Project (Website) | 2025
- A platform enabling poets to showcase portfolios, receive bookings, and share content, using React, Node PostgreSQL, and AWS S3.

AWARDS/CERTIFICATIONS

2024	Scholar, Nigeria Higher Education Foundation (NHEF)
2023	SQL Intermediate, HackerRank
2022	Introduction to Data Science, Coursera

EDUCATION

UNIVERSITY OF LAGOS
Bsc.Mathematics
Expected Dec 2025 | Yaba, Lagos
Cum. GPA: 3.5 / 5.0

WORLD QUANT UNIVERSITY
Masters in Financial Engineering
Expected Dec 2027

SKILLS

PROGRAMMING
3 years and above:
Python • MySQL • PostgreSQL
2+ years:
C++ • JavaScript
1+ years:
R • SAS • Node.js • Golang • React

FRAMEWORKS
• Spacy • LangChain • LlamaIndex • YOLO • Tensorflow • Scikit Learn

TECHNOLOGY/TOOLS
Git/Github • AWS • Linux
Windows • Google Cloud • Artificial Intelligence • Automation
Claude Desktop • Ollama • Power BI
Microsoft Office Suite(Excel, Word, PowerPoint)

COURSEWORK

UNDERGRADUATE
Linear Algebra
Real Analysis I-IV
Maths Methods I-IV
Numerical Analysis
Data Analysis I
Probability Theory

SOCIETIES

Nigerian Federation of catholic Students (NFCS)

LINKS

Github:// **Samuel Ofoegbu**
LinkedIn:// **Samuel Ofoegbu**
LeetCode:// **Samuel Ofoegbu**
HackerRank:// **Samuel Ofoegbu**
Portfolio:// **Samuel Ofoegbu**