

Joshua Chukwuebuka Ubaga

Data & Machine Learning | Super Intelligence | Software Development | Cybersecurity

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PROFESSIONAL SUMMARY

Computer Science graduate experienced in data analysis, machine learning and software development. Used Python, SQL and Power BI in a data analysis and machine learning internship, and built MedGuard, a medication safety app with an **86.3% accurate** model. Certified Ethical Hacker (**CEH v13**) with super intelligence and cybersecurity training.

EXPERIENCE

Data Analysis & Machine Learning Intern

Apr 2025 – Sep 2025

HiiT Plc

Ikeja, Lagos

- Handled data analysis end to end, from preparation to reporting, with **Python, SQL, Excel and Power BI**.
- Cleaned and prepared datasets, then analysed them to identify trends and key insights.
- Built **Power BI** dashboards and presented findings to supervisors and team members.
- Applied **machine learning** techniques to real-world datasets and evaluated model performance.

PROJECTS

MedGuard — Machine Learning-Based Medication Safety Application

Jan 2026 – Aug 2026

Flutter, Python

github.com/ubagajoshua-c/medguard

- Developed an offline-first mobile app that identifies potential drug interactions and flags food interactions, allergy risks and duplicate-medication conflicts.
- Evaluated machine learning models and selected one with **86.3% accuracy** and a **0.943 macro AUC-ROC**, then created a compact on-device version achieving **95.6% agreement** with the full model's decisions.

NetSentinel — Machine learning-based intrusion detection dashboard for university networks.

Online Tax Payment and Verification System — Prototype with machine learning-based fraud detection.

Digital Petition and Public Feedback Platform — Machine learning for sentiment, topic and duplicate detection.

Student Accommodation Finder and Rental Management System — Machine learning-based recommendations.

TECHNICAL SKILLS

Data & Machine Learning: Python, SQL, scikit-learn, Exploratory Data Analysis, Feature Engineering, Supervised and Unsupervised Learning, Power BI, Excel

Super Intelligence: Generative AI, Large Language Models (LLMs), Retrieval-Augmented Generation (RAG) agents

Software Development: Full-stack web development, Flutter, Dart, REST APIs, SQLite, Git/GitHub

Cybersecurity: Ethical Hacking, Cyber Threat Intelligence, Cybersecurity Risk

EDUCATION

Bachelor of Science (B.Sc.) in Computer Science

Oct 2022 – Oct 2026

Chrisland University

Abeokuta, Nigeria

CERTIFICATIONS & TRAINING

Certified Ethical Hacker (CEH) v13, EC-Council

2026

Building RAG Agents with LLMs, NVIDIA

2026

IBM Machine Learning Professional Certificate, IBM (Coursera)

2025

Courses: Exploratory Data Analysis for Machine Learning; Supervised Machine Learning (Regression and Classification);

Unsupervised Machine Learning; Deep Learning and Reinforcement Learning; Machine Learning Capstone

IBM Introduction to Machine Learning Specialization, IBM (Coursera)

2025

Certified Data Analyst, HiiT Plc

2025

Microsoft Office Specialist: Word (Office 2016), Microsoft

2022

Computing Fundamentals, Pearson

2017

AWARDS & SCHOLARSHIPS

Leadership Empowerment and Resource Network (LEARN) Scholarship

2016 – 2026

LEADERSHIP

Departmental & NACOS President, Chrisland University

Sep 2025 – Aug 2026

Director of Sports, Student Leadership Committee, Chrisland University

Jan 2026 – Apr 2026

NACOS Systems Director, Chrisland University

Sep 2024 – Aug 2025