SAMUEL ABODERIN

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EDUCATION

University of Lagos   Akoka, Lagos, Nigeria
BSc. Computer Engineering — Second Class Upper (UK 2:1 Equivalent)   *January 2022 – May 2027(Expected)*
- **Relevant Coursework:** Data Structures & Algorithms, Distributed Systems, Operating Systems, Computer Networks, Computer Architecture, Machine Learning, Financial Engineering

TECHNICAL SKILLS

Languages: Python, C++, C#, Java, SQL, TypeScript, JavaScript
AI/ML: Pytorch, TensorFlow, scikit-learn
Frameworks/Tools: Docker, AWS (EC2, S3), Node.js, React, Jenkins, Git, PostgreSQL, Terraform, Redis
Concepts: Cloud Architecture, Microservices, Data Pipelines, Distributed Systems, Agile, CI/CD, Automated Testing

EXPERIENCE

Coach John Leadership & Community Engagement Initiative   June 2025 – August 2025
Software & Data Engineer Intern   *Remote (Toronto, Canada)*
- Collaborated in a multicultural Agile team to re-architect a cloud analytics platform; doubled system uptime and improved mentor access for 30+ users.

Acway Alliance   February 2025 – April 2025
Data Engineer Intern   *Remote (Toronto, Canada)*
- Developed PostgreSQL ETL pipelines, enabling analysis of 10K+ project records for impact evaluation across international NGO teams.
- Integrated Docker into CI/CD, reducing deployment downtime by 40% and increasing delivery speed for distributed teams.

Marigold Signature   November 2023 – December 2023
Backend Engineer Intern   *Lagos, Nigeria*
- Developed REST APIs and optimized Redis caching; supported 1K+ monthly transactions for a fintech startup, improving customer response by 25%.
- Championed end-to-end error tracking, decreasing bug-fix time and enhancing customer trust through stable releases.

MAJOR PROJECTS

Cloud-Native Analytics Platform   *Python, AWS, Docker, Terraform, Jenkins, scikit-learn*
- Designed and deployed scalable analytics on AWS; built automated model training pipelines for activity prediction, reducing manual reporting by 80%.

Peer-to-Peer Lending Web App   *C#, React, SQL Server, Redis*
- Engineered a distributed lending platform; reduced query time by 50% using Redis real-time caching and optimized SQL.

High-Performance Simulation Engine (AI Scenarios)   *C++, Multi-Threading, SimPy*
- Built AI-ready engine for parallel experiments; enabled rapid prototyping for predictive analytics, cutting research runtime by 25%.

CERTIFICATIONS

NVIDIA: Accelerating Data Engineering Pipelines (2025), Fundamentals of Deep Learning (2025), Enhancing Data Science Outcomes With Efficient Workflow (2025)

Bank of America: Investment Banking (Forage, 2025)

AWARDS & LEADERSHIP

1st Runner-Up, ACM Africa Creative Market Hackathon (Team Jara, 2025): ₦1,000,000 & $5,000 AWS: Built an AI-powered platform transforming creative industry distribution, collaborating across 5+ countries.