OGBODU ANTHONY ADEDOYIN

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PROFESSIONAL SUMMARY

Dynamic and results-driven **Senior STEM Educator & Systems Engineer** with over a decade of experience driving academic excellence in advanced STEM disciplines and leading technical engineering initiatives. Demonstrated track record in delivering high-yield instructional strategies for Pure/Further Mathematics, Physics, and Chemistry, alongside pioneering hands-on technical curricula in Arduino Robotics, Cisco Networking, Solar PV Systems, and Software Development. Proven ability to modernize institutional academic frameworks through CBT platform integration and school-wide IT infrastructure deployment.

CORE COMPETENCIES & TECHNICAL PROFICIENCIES

Academic Mastery: Advanced Math, Further Math, Physics, Chemistry, IGCSE/SAT Math

Robotics & Automation: Embedded Systems, Microcontrollers, Circuitry & Sensors

IT & Networking: Cisco CCNA Trained, Network Infrastructure, CBT Platforms

Software & Programming: Python, Scratch, C/C++ (Arduino), CorelDRAW

Applied Engineering: Solar PV & Inverter Systems, CCTV, Access Security Systems

Pedagogical Leadership: Curriculum Design, Exam Preparation, STEM Club Director

PROFESSIONAL EXPERIENCE

Senior STEM & Technical Specialist — 2025 – Present

Rochester College — Lagos, Nigeria

- Instruct upper secondary students in advanced STEM disciplines, including IGCSE/SAT Mathematics, Further Mathematics, and Physics.
- Engineered and deployed an offline Computer-Based Testing (CBT) examination platform, significantly improving assessment efficiency and grading turnaround time.
- Pioneered hands-on technical instruction in Robotics and Solar Photovoltaic Installation under the revised WAEC Trade Subject syllabus.

Senior Mathematics & ICT Educator — 2024

Lashbol International School — Lagos, Nigeria

- Delivered rigorous academic instruction in Mathematics, Further Mathematics, and Physics for senior secondary terminal classes.
- Directed the school-wide ICT curriculum, incorporating practical Scratch Game Programming and algorithmic thinking into secondary education.
- Integrated interactive visual aids and real-world engineering concepts into core physics and math lessons to elevate student engagement.

Lead Robotics & Networking Instructor — 2022

UNITES Cisco Academy (Faith Academy, Canaanland) — Ota, Nigeria

- Instructed advanced students in Cisco Networking fundamentals, hardware diagnostic principles, and digital graphic design.
- Spearheaded the Robotics & STEM Program, training students to build and program automated hardware projects using Arduino microcontrollers.
- Taught foundational and intermediate software development using Python and Scratch.

STEM Tutor & ICT/Robotics Consultant — 2022

Distinct Solutions — Ota, Nigeria

- Managed targeted academic tutorials for terminal classes, resulting in exceptionally high pass rates in national examinations.
- Programmed custom administrative tools, including an MS Excel-based Termly Report Sheet Application for automated grade processing.
- Developed customized digital learning aids, including educational videos and animated content, to simplify complex science topics.

Graphics Specialist & Systems Engineer — 2020

Spice Initiative — Ota, Nigeria

- Managed IT equipment maintenance, large-format production machinery, and overall system administration.
- Instructed corporate clients and students in professional Graphic Design and Computer Hardware Engineering.

Senior STEM & ICT Teacher 2018

Royal Home Schools — Ota, Nigeria

- Led instructional delivery across Mathematics, Further Mathematics, Computer Studies, and Data Processing.
- Developed departmental strategies, modern learning aids, and enforced strict academic standards.

APPLIED TECHNICAL PROJECTS & FIELDWORK

Institutional Security & Access Control: Managed full setup, repair, and remote viewing configuration for CCTV systems at JC International School (2024) and Electronic Access Security Doors at Tender Loving School, Ikoyi (2016).

Solar Energy & Power Engineering: Designed and installed solar inverter backup solutions across multiple residential and commercial sites (2014).

Network Infrastructure Deployment: Conducted feasibility studies and network architecture planning for 30 schools in water-logged riverine regions of Bayelsa State (2010).

EDUCATION & PROFESSIONAL CERTIFICATIONS

B.Sc. in Computer Science

Lagos State University (2007 – 2012) | *Graduation Thesis: A Study on Biometrics and its Advancement*

West African Senior School Certificate (WASSCE)

Sarah Comprehensive College, Lagos (2004)

Certifications & Professional Training:

- **Cisco Certified Network Associate (CCNA)** — Cisco ID: CSC012552977 (2010)
- **Certification in Concepts of Electrical Circuits & Medical Engineering** (2022)
- **Certification in CCTV, Solar & Inverter Systems Installation** (2014)
- **Diploma in Computer Engineering & Networking** (2004)
- **Diploma in Desktop Publishing & Graphic Design** (2005)

REFERENCES

Olusegun Jimoh
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