

Adewuyi Saheed Adedamola (MNCS, MCPN, MIAEng)

CONTACT INFORMATION

Address: Block E19, Iyaniso Ajayi Community, Ayekale Area, Ota-Efun, Osogbo, Osun State, Nigeria.

Phone: +2348077796831

Email: adewuyisaheed1@gmail.com, saheed.adewuyi@uniosun.edu.ng

<https://www.researchgate.net/profile/Saheed-Adewuyi-2>

LinkedIn: <https://www.linkedin.com/in/adedamola-adewuyi-a741549b/>

Google Scholar: <https://scholar.google.com/citations?hl=en&user=D6U-lvcAAAAJ>

1.0 Executive Summary

Experienced ICT and academic technology professional with expertise in network infrastructure systems, educational technology infrastructure, cybersecurity, and artificial intelligence. Proven ability to design and develop institutional ICT systems, design and manage computer laboratories, and contribute to digital learning environments in higher education. Skilled in ICT systems planning, cybersecurity governance, and AI-driven solutions for smart systems. Adept at aligning technology infrastructure with institutional goals for efficiency, security, and innovation in university environments.

2.0 Education

- a. **Ph.D. in Computer Science**, Ladoke Akintola University of Technology, Ogbomosho, Oyo State, Nigeria.
(In view)
- b. **M.Sc. in Computer Science**, Obafemi Awolowo University, Ile Ife, Osun State, Nigeria
Ph.D. Grade **2019**
- c. **B.Sc. in Computer and Information Systems**, Achievers University, Owo, Ondo State, Nigeria.
Second Class Upper Division **2013**
- d. **Higher National Diploma in Computer Science**, Yaba College of Technology, Yaba, Lagos State, Nigeria. **2005**
- e. **National Diploma in Computer Technology**, The Federal Polytechnic, Offa, Kwara State, Nigeria. **2001**

3.0 Skillset

- a. Cybersecurity: Penetration Testing, Threat Intelligence, Digital Forensics Analysis Skills
- b. Networks System Simulations / Development Skills, using Packet Tracers
- c. Data Science, Machine Learning, and Deep Learning Skills
- d. Modeling and Simulation of Information Systems

4.0 Professional Experience

- i. **Assistant Chief Laboratory Officer (ICT Support Role)**, Osun State University, Osogbo.
2022 - Present
 - Coordinated all laboratories in the faculty, including newly added programs: Software Engineering, Cybersecurity, Information Systems, and Information Technology.

- Led planning and deployment of a 310-workstation cybersecurity, Information Technology, Software Engineering laboratories for teaching and support and research activities
- Designed and supported ICT infrastructure for practical computing education and network-based learning
- Supervised students in applied ICT, cybersecurity, and system development projects
- Contributed to ICT-enabled academic service delivery within departmental operations
- Supported maintenance and optimization of institutional computing systems and network environments
- Mentoring junior personnels
- Managing contractual agreements and associated deliverables

a) ICT Leadership & Infrastructure Projects (UNIOSUN)

- Design and implementation of cybersecurity laboratory (50 systems, networked environment)
- Academic LAN/Wi-Fi integration for teaching and research support
- Development of AI-based research systems for institutional applications
- Contribution to digital learning and computer-based training environments
- Support for departmental ICT system operations and maintenance

b) ICT Leadership & Infrastructure Projects IMPLEMENTED (OTHERS)

- Design and development of a Cybersecurity lab for NUC programme accreditation, department of Cybersecurity, **University of Ilesa, Ilesa**
- Design and development of fibre-optic network (backbone)/wireless net, **Minaret University, Ikirun**
- Proposed and developed the ICT laboratories at **Minaret University, Ikirun**, etc.

ii. Principal Technologist, Computer Science, Osun State University
2019 - 2022

- Directed subordinate personnel on daily lab operations and maintenance.
- Managed contractual agreements and deliverables.
- Oversaw administrative and compliance activities.

iii. Senior Technologist, Computer Science, Osun State University
2016 - 2019

- Maintained and utilized laboratory equipment.
- Coordinated laboratory operations and staff development.
- Provided guidance on digital fundamentals and programming.

iv. Technologist I, Computer Science, Osun State University
2013 - 2016

- Instructed and guided students on lab equipment and computer system fundamentals.
- Assisted in practical programming classes (C, Java, Python).

v. Business/IT Manager, Mallam Tope (Nig.) Ltd, Osogbo
2006 - 2010

- Developed and maintained enterprise architecture.
- Managed materials procurement and human resources.
- Sought and executed job contracts and managed sales.

vi. **NYSC Academic Tutor**, Federal College of Education, Yola
2005 - 2006

- Tutored programming and digital logic courses.
- Marked examination scripts and assessed seminar work.

5.0 Core ICT Leadership Skills

- a. University ICT infrastructure planning and administration
- b. Network architecture (LAN/WAN, wireless campus systems)
- c. Cybersecurity policy and risk management
- d. Digital transformation in higher education
- e. ICT governance and systems integration
- f. Data-driven academic administration systems
- g. AI, IoT, and smart systems deployment
- h. IT service management and support frameworks

6.0 Research Endeavour (Relevant Academic Publications)

- i. Applied deep learning models for predictive systems in energy infrastructure (demonstrating AI deployment capability)
- ii. Developed machine learning frameworks for real-world system optimization and forecasting
- iii. Published research on AI-driven computational systems and intelligent data analysis

Published Articles:

- i. Aina Segun, Adewuyi Saheed A., Amuchi David C., and Oluwaranti Adeniran (2022). Unsupervised Deep Architecture for Forecast of a Tropical Electricity Load. *International Journal of Energy and Environmental Research*, Vol. 10, No. 1, pp. 1-13.
- ii. Saheed A. Adewuyi, Segun Aina, and Adeniran I. Oluwaranti (2020). A Deep Learning Model for Electricity Load Forecasting Based on Tropical Data. *Applied Computer Science*, Vol. 16, No. 1, pp. 5-17. DOI: 10.23743/acs-2020-01.
- iii. Saheed Adewuyi, Segun Aina, Moses Uzunigbe, Aderonke Lawal, and Adeniran Oluwaranti (2019). An Overview of Deep Learning Techniques for Short-Term Electricity Load Forecasting. *Applied Computer Science*, Vol. 15, No. 4, pp. 75-92. DOI: 10.23743/acs-2019-31.

Manuscripts (awaiting publication):

Adewuyi, Omotosho, and Odeyemi (2025). Design and Experimental Validation of an Intelligent Remote Livestock Management System.

7.0 Conferences, Trainings, and Workshops Participations

- **AI for Penetration Testing Cybersecurity training (Virtual) 2025**, *Simulating penetration testing with AI*, organised by OAU ICT-Driven Knowledge (OAK) Park.
- **Digital Forensics Bootcamp** Ver. 01. 2024, OAU ICT-Driven Knowledge (OAK) Park. Featuring: Computer, Email, Cloud, Mobile forensics.
- **National Association of Academic Technologists (NAAT) Conference, 2023**; Theme: Post-COVID Menace: The Role of Technologist and Scientists in Rebuilding the Nation.

- **Short term Course in Cybersecurity**, OAU Knowledge Park, 2022
- **NAAT Conference**, 2022; Theme: Science and Technology: Panacea for Nation Building.
- **Elsevier's Researcher Academy**, 2020
Workshop: The Article Publishing Process: An Elsevier Author Workshop.

Professional Certifications Obtained

- Introduction to Data Science, LinkedIn Learning, 2025
- AI for Penetration Testing (Cybersecurity), OAU Knowledge Park, 2025
- Digital Forensic, OAU Knowledge Park, 2024
- National Association of Academic Technologists (NAAT), 2023, 2023
- Cybersecurity, OAU Knowledge Park, 2022
- Computer Professional Registration Council of Nigeria (CPN), Chartered, 2013
- CISCO IT Essentials: PC Hardware and Software Certification, 2011
- Nigeria Institute of Management (NIM): Proficiency Certificate in Management, 2005

Skills Acquired

- Information security of both data and network resources
- Data Analysis with Python/R language and SPSS
- Data validation skills
- Machine/Deep Learning with Python language
- Research and Development (literature reviews, methodologies, results analysis etc.)
- Technical Development
- Operational Reporting
- Needs Assessment

8.0 Professional Memberships

- Information Systems Security Certification Consortium Inc. (ISC)², 2022
- European Centre for Research Training and Development UK, 2022
- Data Science of Nigeria (DSN), 2020
- Computer Professionals (Registration Council of Nigeria) MCPN, 2013
- Nigeria Computer Society (NCS) MNCS, 2013
- International Association of Engineers (IAENG) MIAENG, 2012
- Nigeria Institute of Management (NIM) MNIM, 2006

9.0 Extracurricular Activities

- Playing Tennis
- Adventuring

10.0 References

1. Professor Adeniran Isola Oluwaranti, Department of Computer Science and Engineering, OAU, Ile-Ife, Nigeria.
2. Dr. Patrick Ozoh, Department of Computer Science, Osun State University, Osogbo.