

MONDAY JUBRIN ABDULLAHI, PhD

Associate Professor of Computer Science

School of Technology, Woxsen University | Hyderabad, India

[Google Scholar](#) | [ORCID](#) | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL PROFILE

Monday Jubrin Abdullahi, PhD, is an Associate Professor of Computer Science at Woxsen University, Hyderabad, India, with more than two decades of academic, research and administrative experience in Computer Science. His teaching and research span cybersecurity, privacy-preserving artificial intelligence, homomorphic encryption, machine learning, cloud security, healthcare informatics and algorithm design. He has served in academic leadership and service roles including Assistant Dean (International Relations), Acting Head of Department, Director of Computer Centre and Chairman of Quality Assurance. His current research interests centre on secure AI systems, privacy-preserving machine learning, post-quantum cryptography and trustworthy healthcare analytics.

RESEARCH INTERESTS

Privacy-Preserving AI • Homomorphic Encryption • Cybersecurity • Machine Learning • Healthcare AI • Cloud Security • Trustworthy AI • Algorithms

ACADEMIC QUALIFICATIONS

- Ph.D. in Computer Science, Federal University of Technology, Minna, Nigeria - 2018
- M.Sc. in Computer Science, University of Ilorin, Nigeria - 2010
- B.Sc. in Computer Science, University of Ilorin, Nigeria - 1998
- ND in Computer Science, Kwara State Polytechnic, Nigeria - 1992

ACADEMIC APPOINTMENTS

- Woxsen University, Hyderabad, India - Associate Professor School of Technology - August 2026
- Woxsen University, Hyderabad, India - Assistant Professor, School of Technology- August 2024-2026
- Air Force Institute of Technology (AFIT), Kaduna, Nigeria - Lecturer I.
- Kogi State University, Nigeria - Lecturer I.
- National Open University of Nigeria - Facilitator / Project Supervisor.
- *Veritas University, Abuja, Nigeria - Lecturer I / Director, Computer Centre.*
- *Dorben Polytechnic, Abuja, Nigeria - Chief Lecturer.*

ACADEMIC LEADERSHIP & ADMINISTRATION

- Assistant Dean (International Relations), Woxsen University - November 2024 to June 2025.
- Acting Head, Department of Computer Science, Air Force Institute of Technology - June 2023 to December 2023.
- Quality Assurance Chairman, Air Force Institute of Technology - 2021 to 2023.
- Director, Computer Centre, Veritas University - 2017 to 2019.
- Department Examination Officer, Veritas University - 2017 to 2019.
- Computer-Based Test Coordinator, Veritas University - 2017/2018.
- Chairman, Department Accreditation Committee, Veritas University - 2019.
- Staff Adviser, Veritas University - 2019.
- Secretary, Local Organising Committee, 1st ICDSE International Conference, AFIT - December 2021.
- Member, Student Disciplinary Committee, Veritas University - 2020.

TEACHING PORTFOLIO

- Woxsen University: Object-Oriented Programming (Java), Design and Analysis of Algorithms, Operating Systems, Automata Theory, CTPS and Software System Design.
- Air Force Institute of Technology: Computer Architecture, Compiler Construction, Operating Systems, Artificial Intelligence and Net-Centric Computing.
- Veritas University: Algorithms, Data Mining, Computer Architecture, Artificial Intelligence and postgraduate teaching.
- Kogi State University: Undergraduate Computer Science courses.

POSTGRADUATE SUPERVISION & MENTORSHIP

Supervision record: 18 M.Sc. dissertations, 1 M.Phil. dissertation and 9 PGD projects at Veritas University and the National Open University of Nigeria.

PROFESSIONAL MEMBERSHIPS

- Institute of Electrical and Electronics Engineers (IEEE) - 2026.
- Cyber Security Experts Association of Nigeria - 2017.
- Computer Professionals Registration Council of Nigeria - 2011.
- Nigeria Computer Society - 2011.

SELECTED CONFERENCES & PROFESSIONAL DEVELOPMENT

- 19th International Conference on Information Assurance and Security, Auburn, USA - December 2023.
- Kirinyaga University 6th Annual International Conference, Kenya - March 2023.
- 15th International Conference on Electronics, Computer and Computation, Nile University, Abuja - December 2019.
- International Conference on Information and Communication Technology and its Applications (ICTA), FUT Minna - May 2018.
- Cyber Secure Nigeria Conference, Abuja - 2016.
- 6th International Conference of the Nigerian Computer Society, Abuja - 2011.
- Advanced Digital Appreciation Program (ADAPT), Digital Bridge Institute, Abuja - 2003.

PEER-REVIEWED JOURNAL ARTICLES

1. Calistus, C., Martin, O., Abdullahi, M. J., & Joe, E. (2023). Discrete event simulation-based evaluation of a single-lane synchronized dual-traffic light intersections. *Journal of Computer and Communications*, 11, 82-100. DOI: 10.4236/jcc.2023.1110006.
2. Omopariola, V. A., Ogbonna, C. N., Uloko, F., & Abdullahi, M. J. (2023). Automated assessment system using machine learning libraries. *Open Journal for Information Technology*, 6(2), 97-122. DOI: 10.32591/coas.ojit.0602.02097o.
3. Omopariola, V. A., Abdullahi, M. J., Enihe, R. O., Ogbonna, C. N., Uloko, U., & Chukwudubem, M. (2023). Design and implementation of a tailoring management system (Virlor). *Open Journal for Information Technology*, 6(2), 67-96. DOI: 10.32591/coas.ojit.0602.01067o.
4. Omopariola, V. A., Abdullahi, M. J., Enihe, R. O., & Ogbonna, C. N. (2023). Design and implementation of an edutainment games application for kindergarten children. *Open Journal for Information Technology*, 6(1), 7-32. DOI: 10.32591/coas.ojit.0601.02007o.
5. Abdullahi, M. J. (2024). Leveraging machine learning in classifying fraudulent and legitimate transactions in the banking sector. *Ilorin Journal of Computer Science and Information Technology*, 7(1).
6. Otu, A., Achimugu, P., Adeyemi, J., Ugbe, U., Abdullahi, M. J., Oyebanji, M. S., Blamah, V. N., & Usman, S. (2022). Transport service system design using modified Apriori algorithm. *FUDMA Journal of Sciences*, 6(4), 25-36.
7. Adebayo, S. O., Bashir, S., Abdullahi, M. J., Omale, S. E., & Abdulazeez, L. (2022). Development of an electronic secure students' industrial work experience scheme placement system. *International Journal of Information Technology and Computer Science*, 2, 31-44. DOI: 10.5815/ijitcs.2022.02.03.
8. Abdullahi, M. J., Waziri, V. O., Abdullahi, M. B., & Idris, I. (2018). Privacy-preserving classification over encrypted data using fully homomorphic encryption technique. *i-manager's Journal on Digital Signal Processing*, 6(2).
9. Umar, G. A., Agbogun, J. B., Omotehinwa, T. O., Abdullahi, M. J., et al. (2024). Predictive analytics of the risk of in-hospital mortality of heart failure patients in intensive care units. *KASU Journal of Computer Science*, 1(2), 280-296.

10. Zhetu, D. G., Abubaker, U. G., Ariwa, N. R., Agbogun, J. B., Abdullahi, M. J., et al. (2024). Comparative performance analysis of YOLOv8 model and traditional machine learning models for maize leaf disease detection. *KASU Journal of Computer Science*, 1(2), 280-296.
11. Ogah, M. D., Essien, J., Ogharandukun, M., & Abdullahi, M. J. (2024). Machine learning models for heterogeneous network security anomaly detection. *Journal of Computer and Communications*, 12(6).
12. Ibitoye, S. E., Loha, C., Mahamood, R. M., et al. (2025). Optimization of rice straw properties via torrefaction for solid fuel applications. *BioEnergy Research*, 18, 95. DOI: 10.1007/s12155-025-10589-w.
13. Alam, M., Ibitoye, S. E., Sarkar, I., et al. (2026). Experimental and Aspen Plus simulation of rice husk pyrolysis with integrated steam reforming for hydrogen-rich syngas production. *Chemistry Africa*. DOI: 10.1007/s42250-025-01541-4.

BOOK CHAPTERS

1. Zakka, A., Abdullahi, M. J., Achimugu, P., Lanihun, O., Abba, A. A., Ajagbe, A., & Tam-Nurseman, G. L. (2026). A hybridized method for seamless data transmission mechanism in wireless communication systems. In *Proceedings of the Tenth International Conference on Microelectronics, Electromagnetics and Telecommunications (ICMEET 2025)* (Vol. 2, pp. 40-51). Springer Nature. DOI: 10.1007/978-3-032-20544-5_5.
2. Abdullahi, M. J., & Rodriguez, R. V. (2026). AI-powered healthcare: Enhancing patient outcomes. In H. Aldabbas, L. M. Gernal, H. Kannan, & R. V. Rodriguez (Eds.), *Large Language Models, AI, and Workforce Transformation: Strategies for Resilience and Growth*. Productivity Press / Taylor & Francis. Book DOI: 10.4324/9781003652649.

CONFERENCE PROCEEDINGS

1. Abdullahi, M. J., Waziri, V. O., Abdullahi, M. B., & Idris, I. (2018). Privacy-preserving classification over encrypted data using fully homomorphic encryption technique. *Proceedings of ICTA 2018*, Federal University of Technology, Minna, Nigeria.
2. Abdullahi, M. J., Adebayo, O. S., & Izegbu, I. K. (2019). Fully homomorphic encryption: An antidote to cloud security and privacy concerns. *Proceedings of ICECCO 2019*, Nile University, Abuja, Nigeria.
3. Abdulkarim, R., Abah, J., & Abdullahi, M. J. (2021). Rhotrix-based Playfair key structuring primitive for a diffused ciphering technique. *Proceedings of the 1st International Conference on Data Science and Engineering, AFIT, Kaduna, Nigeria*.
4. Abdullahi, M. J., Olawale, S. A., Achimugu, P. O., & Abah, J. (2021). Online examination proctoring for quality assurance in the post-COVID-19 pandemic new normal. *Proceedings of the 1st International Conference on Data Science and Engineering, AFIT, Kaduna, Nigeria*.
5. Ayeni, J. K., Abdullahi, M. J., Achimugu, O., Kolapo, R. A., & Akinkitan, A. A. (2021). Fingerprint-based identity verification for the University of Ilorin. *Proceedings of the 1st International Conference on Data Science and Engineering, AFIT, Kaduna, Nigeria*.
6. Adebayo, O. A., Ganiyu, S. O., Alli, A. A., Salihu, A., Abdullahi, M. J., Abdulateef, L., & Gadzama, E. H. (2023). Two-layer secured graphical authentication with one-time password verification for web-based applications. *Proceedings of the 6th Annual International Conference, Kirinyaga University, Kenya*.
7. Okonkwo, N. U., Enihe, R. O., & Abdullahi, M. J. (2023). Cloud detection in satellite imagery using deep convolutional networks. *Proceedings of the 2nd FCAS International Conference on Sustainable Development Goals, Baze University, Abuja, Nigeria*.
8. Adebayo, P. O., Lawrence, M. O., & Abdullahi, M. J. (2023). Blockchain-based framework for a secured election results transmission in Africa. *Proceedings of the 7th International Conference of the Professional Statisticians Society of Nigeria, Nasarawa State University, Keffi, Nigeria*.
9. Idakwo, M. A., Achimugu, O., Abdullahi, M. J., Usman, S. A., Achimugu, P., Oluremi, T. O., & Ayemowa, M. O. (2025). A modified gender classification approach using capsule network. In *Hybrid Intelligent Systems (HIS 2023)*, pp. 186-197. Springer Nature.
10. Mkpojiogu, E. C., Okeke-Uzodike, E. O., & Abdullahi, M. J. (2024). Explaining the applicability of the stimulus-organism-response (SOR) framework in UX processes for static and dynamic contexts. *Proceedings of IEEE IATMSI 2024*.
11. Mkpojiogu, E. C., Abdullahi, M. J., & Okeke-Uzodike, E. O. (2024). UX design and evaluation: Holism versus reductionism approaches - Which is better? *Proceedings of IEEE IATMSI 2024*.

ACADEMIC & COMMUNITY SERVICE

- Participation in NBTE accreditation teams and departmental accreditation activities.
- National Education Resource Development Council (NERDC) curriculum development activities.
- ICT infrastructure development and Computer-Based Testing centre implementation.
- Volunteer community security service.

AWARDS

- Award of Excellence and Long Service - 2010.
- Award of Excellence in Teaching - 2013.

PROFESSIONAL PROFILES

Google Scholar	https://scholar.google.com/citations?user=AJHJIB0AAAAJ&hl=en
ORCID	https://orcid.org/0000-0002-3596-4550
LinkedIn	https://www.linkedin.com/in/monday-abdullahi
GitHub	https://github.com/AMJ-007

References available upon request.