

YUSUF OWOLABI OLATUNDE, PhD (In View)

Lecturer II | Researcher | Peer Reviewer

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Affiliation: Department of Cyber Security, Osun State University, Nigeria

PROFESSIONAL PROFILE

Academic and researcher with strong expertise in manuscript evaluation, scholarly writing, and peer review within computer science, cybersecurity, artificial intelligence, and applied data science. Experienced in reviewing interdisciplinary research, assessing methodological rigor, originality, ethical compliance, and contribution to knowledge. Actively published in peer-reviewed journals and involved in funded research projects.

REVIEWER & EDITORIAL COMPETENCIES

- i. Active peer reviewer for international and regional academic journals
- ii. Critical evaluation of research originality, significance, and contribution to the field
- iii. Assessment of quantitative, qualitative, and mixed-methods research designs
- iv. Review of machine learning, cybersecurity, cryptography, and applied AI studies
- v. Methodology validation, data integrity assessment, and result interpretation
- vi. Citation accuracy, reference quality, and literature relevance checks
- vii. Plagiarism awareness and research ethics compliance
- viii. Constructive, structured, and actionable reviewer reports
- ix. Confidentiality, objectivity, and adherence to review timelines

PEER-REVIEW EXPERIENCE (SELECTED)

- i. **Reviewer**, *Cybersecurity* (Q1, Springer Nature) - Reviewed manuscripts on adversarial machine learning, cryptographic analysis, and secure systems (2026).
- ii. **Reviewer**, *Indonesian Journal of Electrical Engineering and Informatics (IJEI)* (Q3) - Reviewed applied computer vision and deep learning manuscripts (2026).
- iii. **Reviewer**, *Journal of Testing and Evaluation (JTE)* - Reviewed artificial intelligence, IoT, machine learning, and applied computing manuscripts (2026).
- iv. **Reviewer**, *Journal of Engineering and Technology (JET)* - Reviewed interdisciplinary engineering, IoT, and applied computing manuscripts (2026).
- v. **Representative Manuscripts Reviewed (2026):**
 - *Advancements in Adversarial Example Defense for Deep Learning Models: A Review*

- *Differential Properties of $X\boxplus K$ in Lightweight Block Cipher Analysis*
- *Lattice-Based Verifiably Encrypted Group Signatures*
- *Enhanced YOLO-Driven Framework for Marine Fish Detection*
- *Smart IoT-Based Tissue Dispenser with Monitoring Dashboard*
- *A Novel Approach for Lung Cancer Nodule Detection Using AdaBoost with Deep Learning Models: A Performance Analysis*
- *Wearable IoT Frameworks for Mental Health Interventions*
- *Fuzzy Logic Membership Functions for EV Autonomous Braking Systems*
- *Multi-Dynamic Image Steganography Using Least Significant Bits*

ACADEMIC QUALIFICATIONS

- i. **PhD in Computer Science** – In View
- ii. **MSc Computer Science** – 2018
- iii. **BSc Computer Science (Second Class Upper)** – 2014

PROFESSIONAL CERTIFICATIONS

- i. Network Support and Security – Cisco Networking Academy (2023)
- ii. Introduction to Cyber Security – Cisco Networking Academy (2022)
- iii. Introduction to Quantum Computing – IBM (2020)

ACADEMIC & RESEARCH EXPERIENCE

Lecturer II, Department of Cyber Security, Osun State University, Nigeria
February 2024 – Present

Lecturer II / Assistant Lecturer, Department of Mathematics & Computer Science,
 Summit University Offa, Nigeria
2018 – 2023

Responsibilities include teaching, research supervision, manuscript assessment, curriculum development, and academic quality assurance.

SELECTED PEER-REVIEWED PUBLICATIONS (2025-2026)

- i. Salawu, I. A., **Owolabi Olatunde, Y.**, & Abdulkareem, A. A. **(2026)**. Family and the ballot: the impact of loved ones on women's electoral participation during violent elections. *Journal of Contemporary African Studies*, 44(2), 239–258. Publisher: Taylor and Francis URL: <https://doi.org/10.1080/02589001.2026.2651438>
- ii. Akintola, A. G., **Olatunde, Y. O.**, Obiwusi, K. Y., Afolabi-Yusuf, G. K., Adebisi, M. A., Tewogbade, A. A., ... & Oladipo-Tanimowo, A. A. **(2026)**. APPLICATION OF ARTIFICIAL INTELLIGENCE FOR MONITORING DARK WEB ACTIVITIES. *Science Journal of University of Zakho*, 14(1), 112-123. Publisher: University of Zakho URL: <https://doi.org/10.25271/sjuoz.2026.14.1.1626>
- iii. Abimbola G. Akintola, Kolawole Y. Obiwusi, **Yusuf O. Olatunde**, Mohammed Usman, Faizol G. Aberuagba, Muhammed A. Adebisi, Shamsudeen A. Adebayo, **(2025)**. INTEGRATED DEEP LEARNING PARADIGM FOR COMPREHENSIVE LUNG CANCER SEGMENTATION AND CLASSIFICATION USING MASK R-CNN AND CNN MODELS.

Franklin Open, vol. 11, p. 100278, Jun. 2025, doi: 10.1016/j.fraope.2025.100278.

Publisher: Elsevier B.V. URL:

<https://www.sciencedirect.com/science/article/pii/S2773186325000684>

- iv. OJO, O., AYILARA-ADEWALE, O., **OLATUNDE, Y.**, & OTUN, Z. **(2025)**. AN INTELLIGENT SYSTEM TO IDENTIFY FAKE VIDEOS ON ONLINE SOCIAL NETWORKS USING MACHINE LEARNING. Journal of Information Systems and Digital Technologies, 7(2), 115-133. Publisher: International Islamic University Malaysia (IIUM) Press URL: <https://journals.iium.edu.my/kict/index.php/jisdt/article/view/628>
- v. **Olatunde, Y. O.**, Ojo, O. E., Ayilara-Adewale, O. A., Anjorin-Adeboye, G. O., & Olutoberu, T. S. **(2025)**. Comparative analysis of machine learning models for smart irrigation systems. HO CHI MINH CITY OPEN UNIVERSITY JOURNAL OF SCIENCE-ENGINEERING AND TECHNOLOGY, 3-15. Publisher: Ho Chi Minh City Open University Journal of Science. URL: <https://journalofscience.ou.edu.vn/index.php/tech-en/article/download/4520/2565>

(Full publication list available on Google Scholar)

RESEARCH GRANTS & FUNDED PROJECTS (SELECTED)

- i. Intelligence Poultry Farming for Women and Youth in Nigeria (IPF4WAY) – IDRC-CRDI, 2025
- ii. Artificial Intelligence for Women in Aquaculture (AI4WA) – AI4D-Africa, 2023
- iii. AI-Based Pipeline Leakage Detection System – NRF TETFUND, 2023

MEMBERSHIP OF PROFESSIONAL BODIES

- i. Graduate Member, Computer Professionals Registration Council of Nigeria (CPN)
- ii. Member, International Association of Engineers (IAENG)
- iii. Member, Institute of Policy Management and Leadership Development (IPMLD)

RESEARCH INTERESTS

- i. Cybersecurity and Information Security
- ii. Machine Learning and Artificial Intelligence
- iii. Post-Quantum and Classical Cryptography
- iv. Data-Driven Security Systems
- v. Software Engineering
- vi. SDG

AVAILABILITY FOR REVIEW

Available for timely and confidential peer review of manuscripts in: - Computer Science and Engineering - Cybersecurity and Cryptography - Artificial Intelligence and Machine Learning - Applied Data Science and Interdisciplinary Studies

Referees: Available on request