

AKINMUYISITAN, TAIWO MARCUS (PhD)

E [mails4taiwo@gmail.com](mailto:mails4taiwo@gmail.com) ; [takinmuyisitan@ardenuniversity.ac.uk](mailto:takinmuyisitan@ardenuniversity.ac.uk) ,

T: +447366307756,

**Career Goal:** Building a technologically driven community through innovative research and industrial expertise.

*Core competencies*

- ? UI/UX (User Experience) Design
- ? Mobile App Development (Android Studio)
- ? Computer Networking & Troubleshooting
- ? Cloud Computing (AWS)
- ? AI and Machine Vision
- ? ASP.NET

- ? Software Development
- ? Database Management System
- ? Object Oriented Programming Languages
- ? Data Analysis
- ? Data Science
- ? Strong Analytical Skills
- ? Communication Skills
- ? Module Leadership
- ? Academic Content Development
- ? Digital Learning and Teaching
- ? Classroom Management

### Academic Qualifications

- ❖ Brunel University, London, UK
  - PhD, Applied Computing
  - Post Graduate Degree, Research
- ❖ University of Benin, Benin City, Nigeria
  - Degree: Master of Engineering

August 2025  
August 2025

2018

## Sequence: Electronics and Telecommunication Engineering

- ❖ Benson Idahosa University, Benin City, Nigeria 2017  
**Degree: Master of Science (3.62/4)**  
Computer Science
- ❖ Benson Idahosa University, Benin City, Nigeria 2013  
**Degree: Post Graduate Diploma (3.64/4)**  
Computer Science
- ❖ University of Ado Ekiti 2007
  - **Degree: Bachelor of Engineering**
    - Electrical/Electronic Engineering (2:1)

---

### Professional Experience.

- IT Lecturer, Global Banking School, Greenford Jan 6, 2025

- Delivering student-centered Lectures, Tutorial and Conducting Industry standard Practical sessions on Computer Networking, Programming, Data Science, Software Development, Databases and Digital Technology Modules-

- Associate Lecturer, Coventry University, Dagenham. London

- Delivering student-centered Lectures, Tutorial and Conducting Industry standard Practical sessions on Computer Architecture and Networking and Digital Technology Modules- Sep 2024

- Associate Lecturer, Arden University London October 2021

- ❖ Years of experience in tutoring undergraduate students in small and large cohorts, achieving maximum student engagement and satisfactions through practical demonstration of IT and Computing Modules.
- ❖ Impactful Online teaching and learning with modern pedagogical techniques and collaborative tools- Blackboard, Canvas, Aula, Ilearn, Zoom, Team
- ❖ Supervised dissertations and student projects both at undergraduate and Postgraduate Levels.
- ❖ Supports students to undertake assessment, mark and graded students' assessment across levels.
- ❖ Commended in written by the School of Computing and IT. as the best colleague of the month for Teamwork and student learning experience.

- Lecturer, QAHE, St James House, Holborn, London 2023

- ❖ Achieved excellent classroom management and expert delivering of undergraduate lecture, seminars and tutorials to small and large cohorts of the University of Ulster, University of Solent and the University of Roehampton undergraduates and Postgraduate students.
- ❖ Trained both graduate and undergraduate students of Computing and Digital Business Management to be pragmatic and acquire excellent hands-on experience in IT, Computing and Digital Technology Modules like Machine Learning, Data Science, Deep Learning, Data Analysis, Mobile App Development, Programming languages, Digital Innovations and Contemporary Software Development/ Methodologies.
- ❖ Marked and graded student assessment over the past years across – Foundation level 3. Level 4, level 5, level 6 and Master's Degree.

Graduate Assistantship, Brunel University, Uxbridge London, - 2021-2022

- ❖ Supported master's degree learning and teaching on Wireless Communication, computer vision and Computer System.
- ❖ Facilitated learning and Teaching and conducted practical sessions for Computing and Communication that made students achieved industry standard skills in image processing, programming, Networking and computer visions.

Computing Tutor, Brunel International College, London...January 2022 to February 2023

- ❖ Trained level 4 students to acquire hands on experience and skills on Object Oriented Programming.

- Lecturer, Benson Idahosa University, Nigeria- Electrical/Electronic Engineering, September 2015 – Nov 2020

- ❖ Successfully taught computing and engineering modules, developed assessment briefs, graded assignments, and prepared results for large cohorts of undergraduate students in Civil,

Electronic/Electrical, and Mechanical Engineering at the College of Engineering.

- ❖ Provided pastoral guides to Level 5 Electrical and Electronic Engineering students in my capacity as the level Academic Student Advisor for Electronic Engineering Department.
- ❖ Delivered reflective weekly seminar at the University Lecture Theatre to up to 600 students on interdisciplinary subjects, comprises students from the Faculty of Law, Life Sciences, Business and the College of Engineering., using the University lecture theatre.
- ❖ Developed module contents and curriculum for Computing and Engineering Modules.
- ❖ Participated in external assessment and accreditation exercise of HND program.
- ❖ Module leadership for Engineering Mathematics and Object-Oriented Programming languages and Electronic/ Telecommunication Modules for 4 consecutive academic sessions.
- ❖ Prepared Laboratory manual and trained media art students on Video, Audio and Photography Software editing.

---

## Published

- Taiwo. M. Akinmuyisitan, & John Cosmas. (2024). Enhanced Crime Prediction with Computer Vision-Yolov4 Approach. *Global Journal of Computer Science and Technology*, 24(D1), 57–67.  
<https://doi.org/10.34257/GJCSTDVOL24IS1PG55>[https://www.researchgate.net/publication/385271789\\_Enhanced\\_Crime\\_Prediction\\_with\\_Computer\\_Vision-Yolov4\\_Approach](https://www.researchgate.net/publication/385271789_Enhanced_Crime_Prediction_with_Computer_Vision-Yolov4_Approach),  
<https://computerresearch.org/index.php/computer/article/view/102384>
- Taiwo M. And John C (2024), Convolutional Neural Network Paradigm: Comparison of VGG16 and Resnet50 in Criminal Face Prediction, World Academic of Science and Engineering Technology Conference, Oct 2023, Los Angeles, USA. Vol 18(1).  
<https://publications.waset.org/10013462/advanced-convolutional-neural-network-paradigms-comparison-of-vgg16-with-resnet50-in-crime-detection>.
- Taiwo. M. Akinmuyisitan, & John Cosmas. (2024). Advancing Real-Time Crime Weapon Detection and High-Risk Person Classification in Pre-Crime Scenes: A Comprehensive Machine Vision Approach Utilizing SSD Detector. *Global Journal of Computer Science and Technology*, GJCST, USA

- Development of an Intelligent Support Ticket Assignment System Using Deep Machine Learning, GJCST, USA
- Taiwo and Obaighagbon, (2017), Microcontroller based power access control for electronic devices, international journal of scientific engineering and applied sciences, vol 3 issues 2. [www.ijseas.com](http://www.ijseas.com)
- Taiwo and Esther (2021); Development of Integrated Tool for collection/submission and tracking of Research publications in African Universities. International Journal of Scientific Engineering and applied science, *vol.7, issue 3, March 2021, ISSN 2395-3470* [www.ijseas.com](http://www.ijseas.com)
- Esther and Taiwo (2021); Design and Development of an online Biometric Electronic Voting System International Journal of Scientific Engineering and Applied Science, *vol.7, issue 3, March 2021, ISSN 2395-3470* [www.ijseas.com](http://www.ijseas.com)

▪ **Book Published:**

Simplified Engineering Mathematics, 1st Edition, 2020, ISBN: 978-2203-39-

▪ **Pre-print**

- Proactive IT Management Utilizing a Predictive Maintenance System Powered by Deep Machine Learning Algorithms.

## Training, Conferences and Certificates

- International Conference on Machine Learning and Deep Learning, World Academy of Science and Engineering, Los Angeles, USA      October 30-31, 2023
- UK, Higher Education Teaching and Learning certificate      2021
  - APDU: Brunel University, London
- Initial Training for Learning and Teaching for Demonstrators & Graduate Assistants
 

CPDU: Brunel University London	2020
○ C++ Training Certificate	2021
○ MATLAB Training Certificate	2021
- ❖ CPDU: Arden University, London
 

● PREVENT	2023
● GDPR Essentials	2023
● Equality & Diversity	2023
● Health & Safety	2023

- ❖ International Conference on Electronic and Computing, Rome, Italy  
May 2019
- Council for the Regulation of Engineers in Nigeria 2017
- Nigerian Society of Engineer 2016
- Professional certification in Project Management, CUPE, UK LTD  
2011
- Nigerian Institute of Management 2008

### Professional Membership and Society

Open Association of Research Society (OAR) Delaware, USA 2025  
 Council for the Regulation of Engineering in Nigeria (Registered  
 Engineer) 2017  
 Nigerian Society of Engineers 2016

### Journal Editorial Role

Academic Editor, Global Journal of Computer Science and Technology,  
 Massachusetts, USA 2025

### Non-Editorial Roles:

Academic Reviewer on AI and Computer Vision (IEEE Open Journal of Computer  
 Science Society.