



Lateef Olatunji

Date of birth: 11/07/2000 | **Nationality:** Nigerian (Nigeria) | **Gender:** Male | **Phone:** (+234) 9063732148 (Mobile) | **Email address:** relixsx@gmail.com | **X Relixsx** | **LinkedIn:** [Relixsx](#) | **Address:** NO 15 Ile Ileri Adehun ado-Ekiti, 36001, Ado Ekiti/ Ekiti state, Nigeria (Home)

● ABOUT MYSELF

A young, dynamic, and result-oriented **first-class graduate of Electrical and Electronic Engineering** with strong analytical, research, and problem-solving skills. I am a fast learner and an open-minded team player with hands-on experience in **machine learning and deep learning**, motivated to pursue **research-driven and industry-relevant opportunities** and contribute to impactful, data-driven and innovative solutions.

Interests: Machine Learning | Deep Learning | Computer Vision | Audio CNN | Multimodal Learning | AI for Healthcare | Intelligent Engineering Systems

● WORK EXPERIENCE

30/07/2023 - 03/04/2025 - FEDERAL CAPITAL TERRITORY ABUJA, NIGERIA

ELECTRICAL ENGINEER TRANSMISSION COMPANY OF NIGERIA

Conduct detailed analysis and simulations to ensure reliability and efficiency of electrical systems. Ensure all electrical installations and operations comply with industry standards, regulations, and safety protocols. Coordinate with multidisciplinary teams to integrate electrical systems with other engineering components. Perform routine maintenance and inspections of electrical systems and equipment. Gather and preprocess data for training machine learning models, ensuring data quality and integrity. Design, implement, and train machine learning models to solve specific problems within the electrical engineering domain. Use machine learning techniques to optimize electrical system performance, reduce energy consumption, and predict maintenance needs.

Business or sector Electricity, gas, steam and air conditioning supply | **Department:** Power transmission and distribution | **Email:** info@tcn.org.ng | **Website:** <https://tcn.org.ng/>

11/03/2021 - 14/10/2021 - LAGOS

INTERSHIP SAN VERAD NIGERIA LIMITED

- Assisted in the installation and integration of **electrical systems** across residential and commercial construction projects.
- Worked with **high-voltage and low-voltage electrical components**, ensuring compliance with safety standards and installation procedures.
- Installed and configured **inverters, CCTV systems, motion sensors, smart switches, and home automation devices** across multi-level buildings.
- Supported troubleshooting, testing, and commissioning of electrical installations to ensure reliable system performance.
- Collaborated with senior engineers and technicians during site inspections, maintenance, and fault diagnosis activities.
- Applied foundational electrical engineering principles to improve **energy efficiency, system reliability, and safety** building projects.
- Gained hands-on experience in **smart building technologies** and modern electrical infrastructure.

Business or sector Electricity, gas, steam and air conditioning supply | **Department:** Electrical designs and Installation | **Email:** sanverad@gmail.com | **Website:** <https://www.sanverad.com.ng/>

18/02/2023 - CURRENT - LAGOS, NIGERIA

MACHINE LEARNING & DEEP LEARNING ENGINEER INDEPENDENT CONSULTANT

- Designed and delivered **end-to-end machine learning and deep learning systems**, covering problem definition, data engineering, model training, evaluation, and deployment.
- Built predictive, classification, and pattern-recognition models for **engineering, healthcare, and business datasets** translating real-world problems into ML/DL formulations.
- Developed robust pipelines for **data ingestion, cleaning, feature extraction, and exploratory data analysis (EDA)** using Python, Pandas, NumPy, and SciPy.
- Implemented supervised and unsupervised algorithms including **logistic regression, random forests, gradient boosting, SVMs, and clustering techniques**
- Designed and trained **deep learning models for images, audio, and multimodal data** using **PyTorch and TensorFlow**
- Built **CNN-based computer vision models** for medical image analysis, including breast cancer detection and pattern recognition.
- Developed **audio-based CNN models** using time-frequency representations (spectrograms, MFCCs) for classification and pattern detection.
- Implemented **multimodal learning pipelines** that fuse heterogeneous data sources (e.g., image + tabular, audio + metadata) to improve predictive performance.
- Applied **transfer learning, data augmentation, regularization, and hyperparameter optimization** to improve model generalization.
- Evaluated models using metrics such as accuracy, precision, recall, F1-score, and ROC-AUC.
- Deployed trained models using lightweight APIs and integrated them into client workflows for real-time or batch inference.
- Produced clear technical documentation, performance reports, and **research-oriented experimental summaries**

Link: <https://github.com/Relixsx>

09/01/2023 - 15/07/2023 - LAGOS, NIGERIA

BREAST CANCER DETECTION ALGORITHM USING AI RESEARCH PUBLICATION NONE

Development of Breast Cancer Detection Algorithm Using AI (CNN) Created an advanced breast cancer detection algorithm leveraging Convolutional Neural Networks (CNN). Conducted extensive research and data analysis to enhance the accuracy and efficiency of the algorithm. Published findings in a peer-reviewed research paper, demonstrating significant improvements in early detection rates

Link: https://www.jetipublications.com/media/media/Olatunji_Adetan_Vol2_Issue_2.pdf

● EDUCATION & TRAINING

09/01/2017 - 11/04/2023 - ADO EKITI, NIGERIA

BENG, ELECTRICAL AND ELECTRONIC ENGINEERING- EKITI STATE UNIVERSITY

- Electrical circuit analysis, analog and digital electronics
- Power systems engineering, electrical machines, and power electronics
- Control systems and signal processing
- Instrumentation, measurements, and embedded systems
- Electrical installations, protection systems, and safety standards
- Programming fundamentals and computational problem solving
- Data analysis, modeling, and simulation for engineering applications
- Application of machine learning and artificial intelligence concepts to engineering problems
- Engineering design, troubleshooting, and system optimization

Field(s) of study:Electrical and Electronic Engineering | **Final grade:** 4.63/5.00 | **Level in EQF:** 6 | **Website:**

<https://eksuportal.eksu.edu.ng/>

01/01/2021 - 01/02/2022 - LAGOS, NIGERIA

MACHINE LEARNING / ARTIFICIAL INTELLIGENCE CERTIFICATE- UDEMY / COUSERA

Level in EQF: 4

● LANGUAGE SKILLS

Mother tongue(s): **YORUBA**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH			C2	C2	C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

● SKILLS

Software/ Tech

Advance knowledge in Machine Learning and Deep learning | Machine Learning, NLP | Self-taught Flutter mobile app development | Computer Vision | Pytorch, Tensorflow | Image Processing, Image Analysis, Image Segmentation

Social

Social Media and Community Management | Crypto trader | strong management and leadership | Data Science | Data Collection, Data Processing, Data Analysis, Data Visualisation

Business

Research writer

● VOLUNTEERING

01/11/2021 - 10/03/2023 Ekiti State, Nigeria

- Served as **Team Lead** for departmental engineering exhibitions
- Coordinated the selection, organization, and presentation of student projects
- Led planning and execution of exhibition events involving students, faculty, and industry guests
- Demonstrated leadership, project coordination, and teamwork in a professional engineering setting

01/12/2025 - CURRENT Lagos, Nigeria

- Mentored underserved children to improve school attendance and learning outcomes
- Provided educational support and study guidance through structured weekly sessions

● HONOURS AND AWARDS

10/04/2023 Ekiti State University

Best Graduating Student – Electrical and Electronic Engineering (2023 Graduating Set) Awarded to the top-performing student in the Department of Electrical and Electronic Engineering for exceptional academic performance, graduating with a CGPA of **4.63 / 5.00**.

19/12/2022 Ekiti State University

Departmental Research Excellence Award (2022) Awarded for outstanding performance in final-year undergraduate research, achieving a research score above **87%** and demonstrating strong analytical and technical competence.