

Wo-O Tertius Adjaoke

Abomey-Calavi, Benin | (+229) 0153545696 | suitret01@gmail.com | <https://linkedin.com/in/tertiusadjaoke/> | <https://github.com/Suitret>

PROFILE

Computer science graduate with strong foundations in statistics, machine learning, and data analysis. Experienced in transforming complex datasets into actionable insights through Python-based analytics, machine learning models, and data visualization. Background in applied machine learning research and data-driven projects involving predictive modeling, recommendation systems, and statistical analysis. Passionate about using data to solve real-world problems and support data-driven decision-making in business and technology environments.

EDUCATION

- | | |
|---|---|
| Covenant University
Master of Sciences, Computer Science | Ota, Nigeria 10.2023–10.2025
Cumulative GPA: 4.38/5 |
| <ul style="list-style-type: none">Relevant coursework: Machine Learning, Artificial Intelligence, Natural Language Processing, Data Science, Database Management Systems, Programming Languages, Software Engineering, Operating Systems. | |
| University of Abomey-Calavi (IMSP)
Bachelor of Sciences, Computer Science | Dangbo, Benin 10.2018–08.2022
Cumulative GPA: 3.5/5 |
| <ul style="list-style-type: none">Relevant coursework: C, Python, and Java Programming; Linear Algebra; Differential Equations; Statistics; and Probability. | |

RESEARCH EXPERIENCE & PUBLICATION

- | | |
|--|---|
| Conference Paper
Explaining Vision Transformers with Perturbation-Based XAI: A Study on Robustness to Blurry and Noisy Images | International Conference on Image Information Processing 01.2026 |
| <ul style="list-style-type: none">Investigated robustness and fidelity of explainability methods for Vision Transformers under image degradation.Applied perturbation-based evaluation metrics including insertion, deletion, and max-sensitivity. | |
| Journal Paper
A Bibliometric Analysis of Benchmark Datasets in Machine Learning Research: Insights from Scopus (2001-2024) | NIPES - Journal of Science and Technology Research 11.2025 |
| <ul style="list-style-type: none">Conducted large-scale bibliometric and trend analysis of benchmark datasets in machine learning.Analyzed dataset usage patterns, citation impact, and research evolution using statistical and data-driven methods. | |

PROFESSIONAL DEVELOPMENT

- | | |
|---|-----------------------------------|
| ALX DATA SCIENCE PROGRAM | Online 09.2025 - Present |
| <ul style="list-style-type: none">Intensive training in data science, machine learning, and problem-solving.Developed competencies in analytical thinking, collaborative research, and applied data workflows. | |

TECHNICAL PROJECTS

- | | |
|--|-------------------------|
| Telecom Customer Churn Prediction App | Online 04.2026 |
| <ul style="list-style-type: none">Developed an end-to-end machine learning application to predict customer churn in the telecom sector.Implemented data preprocessing, feature engineering, and model training using classification algorithms (e.g., Logistic Regression, Random Forest).Built an interactive Streamlit dashboard for real-time predictions and customer risk analysis.Applied model evaluation techniques (ROC-AUC, precision, recall) to assess performance on imbalanced data. | |
| Telecom Fraud Detection System | Online 04.2026 |
| <ul style="list-style-type: none">Designed a machine learning system to detect fraudulent telecom transactions using behavioral and call pattern features.Implemented advanced preprocessing techniques, including categorical encoding and feature transformation.Trained and evaluated multiple models (e.g., Random Forest) for fraud classification in imbalanced datasets.Developed a Streamlit-based interface for real-time fraud prediction and decision support.Structured the project as a modular pipeline (data → model → deployment), reflecting real-world ML system design. | |
| Udemy Course Recommendation App | Online 01.2026 |
| <ul style="list-style-type: none">Built a content-based recommendation system using cosine similarity and vectorized text features.Designed an interactive web interface with Streamlit.Applied foundational concepts in vector spaces, similarity metrics, and information retrieval. | |

LEADERSHIP & ACADEMIC SERVICE

President, French Club

Covenant University | 11.2023–10.2025

- Instructed peers in French, promoting bilingualism and coordinating interdisciplinary events to enhance cultural awareness on campus.

Vice-President, Association of International Students

Covenant University | 10.2024–10.2025

- Coordinated university-wide events and activities designed to foster social engagement and cross-cultural community building.

Head, Media Unit, Postgraduate Fellowship

Covenant University | 07.2024–07.2025

- Orchestrated a media team responsible for full technical execution of fellowship services, including sound maintenance and visual projection.

VOLUNTEERING

Learner Success Champion

ALX Africa | 10.2025–12.2025

- Mentored and supported fellow learners in technical and professional development.

CERTIFICATIONS

- Certificate of Presentation at the International Conference on Image Information Processing (ICIIP 2025) - **Jaypee University**
- Certificate of Completion of Professional Foundations - **ALX Africa**
- The Python Programming For Everyone Immersive Training - **Udemy**
- Online Leadership Course - **Aspire Institute**

SKILLS

Programming Languages

Python (Pandas, NumPy, Matplotlib, Scikit-learn, PyTorch),
Java, C++, C

Mathematics & Data Science

Statistics and Probability, Linear Algebra, Optimization
Fundamentals, Machine Learning Algorithms

Data & Software Tools

SQL, MySQL, Git, Streamlit, Microsoft Excel

Professional Skills

Analytical Thinking, Scientific Communication, Research
Collaboration

LANGUAGES

English: Advanced

French: Native