

Samuel Ifeoluwa Akanni

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Objective

Motivated graduate student seeking academic opportunities, such as a Graduate Assistant or Assistant Lecturer role, to contribute to academic and research excellence through teaching support, data analysis, and collaborative problem-solving, while continuing to advance my expertise in mathematics.

Education

Master of Science in Mathematics

September 2025 – Present
Federal University Oye-Ekiti, Ekiti, Nigeria

- Currently pursuing MSc in Mathematics, focusing on Mathematical Modelling.

Bachelor of Science in Mathematics (GPA 4.63)

December 2017 – January 2023
Federal University Oye-Ekiti, Ekiti, Nigeria

- Honors:** Best Graduating Student in the Department of Mathematics (2023)
 - Thesis:** Convergence Rate of Some Three-Step Iterative Schemes in Banach Spaces
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Research & Work Experience

Graduate Internship Scholar

International Centre for Applied Mathematical Modelling and Data Analytics (ICAMMDA)
August 2024 – March 2025, Ekiti, Nigeria

- Conducted advanced statistical analysis and mathematical modeling for real-world applications.
- Developed machine learning models for malaria transmission patterns in Zamfara State, enhancing predictive accuracy.
- Applied R programming for complex data analysis tasks, especially in infectious disease modeling.

Research and Data Analysis Associate

Olive N El-Bethel Solutions (ONE Solutions)
May 2024 – Present, Lagos, Nigeria

- Led data analysis projects, collaborated on research projects, and supported ONE Academy's data analytics courses.
- Gained proficiency in SQL and SPSS for data manipulation and statistical analysis.
- Volunteered with ONE Research Innovation and Technology Hub, expanding the research scope in data analytics.

Data Analysis Intern

One Nation Evolution Initiative

November 2023 – May 2024, Ogun, Nigeria

- Conducted data analysis using Stata and contributed strategic insights to improve organizational performance.
- Actively participated in collaborative strategy meetings and supported the implementation of analytical projects.

Graduate Intern

Federal University of Technology, Owerri

July 2023 – April 2024, Owerri, Nigeria

- Assisted in the LaTeX studio and research with the undergraduate research coordinator.
- Lectured Year 2 students on Ordinary Differential Equations, demonstrating effective teaching skills.

Teaching Experience

Further Mathematics Teacher

Nnuola International Schools

September 2023 – July 2024, Imo, Nigeria

- Developed curriculum-aligned lesson plans and established a Math Club to foster student engagement.
- Mentored students for math competitions, helping to build their confidence and critical thinking skills.

Mathematics Teacher

The Gem International School

June 2022 – July 2022, Ekiti, Nigeria

- Taught mathematics, supervised the JETS Club, and conducted assessments to evaluate students' progress.

Projects

- **Machine Learning Model for Malaria Outbreak Prediction**

- Collaborated with ICAMMDA to build a predictive model for malaria outbreaks in Zamfara State, Nigeria. [View project](#)
 - **Simple Linear Regression: Fuel Consumption Project**
 - Developed a model predicting vehicle fuel efficiency based on horsepower, using Python for data analysis. [view certificate](#)
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Skills

- **Programming & Data Analysis:** Excel, R, SQL, SPSS
 - **Technical Competencies:** Mathematical modeling, optimization, computational mathematics
 - **Languages:** English (Proficient), Yoruba (Native)
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Honors & Awards

- **Best Graduating Student** – Department of Mathematics, Federal University Oye-Ekiti (2023) [view certificate](#)
 - **Leadership Excellence** – Nigeria Christian Corper's Fellowship (2024)
 - **Most Punctual Corps Member** – Nigeria Christian Corper's Fellowship (2024) [view certificate](#)
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Professional Development

- *Precalculus: Mathematical Modeling* – Johns Hopkins University (Coursera) [view certificate](#)
 - *Linux and SQL* – Google (Coursera) [view certificate](#)
 - *Networks and Network Security* - Google(Coursera) [view certificate](#)
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Conferences and Seminars

- **International Conference and Workshop on Applied Mathematical Modelling & Analytics 2026** (16–21/02/2026). Theme: "Mathematical & Theoretical Biology". Organized by the International Centre for Applied Mathematical Modelling and Data Analytics (ICAMMDA), Federal University Oye-Ekiti, Nigeria. [View certificate](#)
- **International Conference on Advances in Industrial and Applied Mathematics (ICAIAM)**(2–5/02/2026). Theme: "Mathematics for Technological Advancement and Sustainability in the 21st Century". Organized by ICAMMDA, Federal University Oye-Ekiti, Nigeria.[View certificate](#)
- **The 3rd ICAMMDA International School on Modelling and Analytics** (15-28/06/2025 Benue)
The International Centre for Applied Mathematical Modelling and Data Analytics organized a five-day workshop. Prof. Emmanuel Bakare served as the keynote speaker. [View certificate](#)

- **2nd ICAMMDA School on Modelling and Analytics** (9-13/12/2024 Lagos)
The International Centre for Applied Mathematical Modelling and Data Analytics organized a five-day workshop. Prof. Emmanuel Bakare served as the keynote speaker. [View certificate](#)
- **Generalized Differential Equations: Numerical Solutions and Applications in Biological Models** (07/11/2024 Ekiti)
A seminar led by Prof. Olaniyi Iyiola from Morgan State University, Baltimore, Maryland, USA, at the Federal University Oye-Ekiti
- **Epidemiology of Malaria** (18/09/2024 Ekiti)
Dr. Abisoye Oyeyemi from the Department of Community Medicine, Niger Delta University, delivered a seminar on the study of malaria epidemiology.
- **International Conference on Mathematical Science and Optimization 2024** (26-30/08/2024 Ogun)
Held at Tai Solarin University of Education, Ijebu Ode, Nigeria, the conference theme was "Applying Mathematical Research for the 4th Industrial Revolution." Prof. Abdon Atangana, University of Free State, South Africa, was the keynote speaker. [View certificate](#)

Volunteer/ Leadership Roles

- *Technical Director* - The Redeemed Christian Fellowship (2019/2021) [membership appreciation certificate](#)
- *President* – The Redeemed Christian Fellowship (2021/2022) [view certificate](#)
- *Chairman* - Planning committee CRM Ekiti state Zonal Congress (2022)
- *National Youth Service Corps orientation camp chapel assistant transport and organizing secretary* - Nigeria Christian Corpers' Fellowship (2023/2024)
- *Radio Program Organizer: Corper's Hangout(Toast 90.3fm)* – Nigeria Christian Corpers Fellowship (2023)
- *Member* – ICAMMDA Media Team (2024)

References

Available upon request.