

Sheriff A Akeeb

PhD Student

Email: sakeeb1@gsu.edu
Address: Dept of Mathematics, Georgia State University, Atlanta
Phone: 4709541667
Link: sakeeb1.com

OBJECTIVE

A supremely motivated Mathematician with a strong vision, enthusiasm, and unquenchable thirst to accumulate more mathematical skills. The vision is to be a role model in Mathematical Science by applying mathematical knowledge in solving societal problems and to be a well-grounded Scientist, with excellent problem-solving skills, capable of creative thinking and genuine innovation and to be able to impact the knowledge acquired to the coming generation.

PROFESSIONAL EXPERIENCE

Atlanta, Georgia
Jan 2023 - Present

Graduate Teaching Assistant

Georgia State University

- Courses Taught: College Algebra (MATH 1111)
- Schedules regular office hours to assist students to better understand the materials taught.

Atlanta, Georgia
Aug 2022 - Dec 2022

Graduate Laboratory Assistant

Georgia State University

- Assist students to get familiarized with Pearson MyLabMath Software used for homework, quizzes and tests.
- Give more detailed and concise explanation on topics that seem to be difficult for students.

Lagos, Nigeria
Oct 2021 - Jul 2022

Further Mathematics Instructor

Lagos State Senior Model College

- Responsible for teaching, testing, and grading students in upper level classes advanced Mathematics.
- Recorded 100% success in the WASSCE 2021/2022 Further Mathematics results.
- Participated in Co-curricular activities and groomed students for academic competitions.

Ile-Ife, Nigeria
May 2017 - Jan 2019

Tutorial Instructor

Max Engineering Tutorial

- Teach Engineering students Mathematical Methods 1 and Mathematical Methods 2.
- Prepare and grade mock exams for students on the course taught in preparation for the exams.

EDUCATION

Atlanta, Georgia
Aug 2022 - Present

Doctor of Philosophy: Mathematics

Georgia State University

- **Concentration:** Mathematics
- **Faculty Advisor:** Dr. Marina Arav
- Graduate Assistant in the Department of Mathematics and Statistics, College of Art and Science.

L'Aquila, Italy
Sep 2019 - Sep 2021

Joint Master's degree: Mathematical Modelling in Engineering

Università Degli Studi Dell'Aquila

- **Study Emphases:** Agent-Based modelling and Transport Phenomenon
- Coursework in Mathematical Fluid Dynamics, BioMathematics, Functional Analysis, Advanced Analysis and Mathematical Modelling and Collective Behaviour.
- **Master's Thesis:** "Weak Solution of the two-dimensional Incompressible Euler Equation".
- **Advisor:** Dr. Stefano Spirito

Hamburg, Germany
Apr 2020 - Sep 2021

Joint Master's degree: Mathematical Modelling in Engineering

Universität Hamburg

- Coursework in Numerical Approximation of PDEs by Finite Difference and Finite Volume Methods, Finite Elements Methods (Galerkin), Scientific Computing and Advanced Optimization.
- Presented a seminar on the Modelling of the Coronavirus using the SIRD model in the modelling camp.

Ile-Ife, Nigeria
Sep 2015 - Jul 2019

Bachelor of Science: Mathematics

Obafemi Awolowo University

- **Study Emphases:** Applied Mathematics
- **Bachelor's thesis:** "Analysis of Variable mass Oscillator with time varying relative velocity".
- Elected to President for Student organization, NAMSSN in 2017/2018 academic session.
- Elected to General Secretary for Student Organization, NAMSSN in 2016/2017 academic session.
- Member of editorial crew of MATHEMA, an annual publication of NAMSSN.

SKILLS

- Proficient in MATLAB, LATEX, SPSS
- Excellent knowledge of Microsoft packages
- Basic knowledge of Python, Web design
- Excellent Classroom Management
- Good Written and Oral communication skills

LANGUAGES

English
Advanced

Italian
Elementary

German
Elementary

PROJECTS

- Weak Solutions of the two-dimensional Incompressible Euler Equations.
- Modelling of Covid-19 spread via a variable -R0 model (July 2020).
- Analysis of Variable mass Oscillator with time varying relative velocity (April 2019).

ACHIEVEMENTS

- Travel support up to \$300 for the 34th Midwestern Conference on Combinatorics and Combinatorial Computing, October 21-23, 2022.
- University of L'Aquila Scholarship Award- International master's degree for the year 2019/2020.
- Professor Samuel Segun Okoya Award for being the overall best student in Fluid Dynamics at the Obafemi Awolowo University Convocation 2020.
- Gold Medalist in the National Universities Mathematics Competition for being the overall second best student in Mathematics in Nigeria at NAMCUS 2019.
- Obafemi Awolowo University Muslim Graduate Association (UNIFEMGA) Scholarship 2017/2018 for Excellent academic performance and having good conduct in School.
- Faith Standard Cephalo Model College Award of Excellence for performing outstandingly while representing the school in Mathematics competitions (2014).

VOLUNTEER EXPERIENCE

- **National Youth Service Corps (Oct 2021- Sept 2022). Served as a Corp member where I was posted to a Secondary School in a remote area of Lagos State where I taught 100 students Further Mathematics.**
- **Erasmus In School (March 2020). An outreach programme to relate with High School Students in L'Aquila, Italy.**
- **Election Presiding Officer (Feb 2019). Served as presiding officer in Nigeria 2019 general election and was in charge of a polling unit as well as the collation of the election result in this polling unit.**

CONFERENCES AND PRESENTATIONS

- SMI summer School (CORTONA 2020) "Transport and Fluids" from June 29th to July 3rd, 2020 and delivered a talk with the title: Onsager's Conjecture and Conservation of Energy for the Euler Equation.
- "Building a bridge to the success of Mathematical Science Students", organized by National Association of Mathematical Science Students of Nigeria (NAMSSN), April 2018.