

UGO OLUA KALU

Lagos, Nigeria | +234 916 529 4821 | ugoolua65@gmail.com

PROFESSIONAL SUMMARY

Detail-oriented chemistry graduate with a strong foundation in laboratory analysis, quality control, and scientific documentation, complemented by hands-on experience in data analysis (SQL, Power BI, Excel). Skilled in data cleaning, visualization, and interpretation to support evidence-based decisions. Strong communicator and fast learner with proven experience in structured, regulated environments.

EDUCATION

B.Sc. Chemistry, Second Class Upper (3.83 CGPA)

Federal University Otuoke, Bayelsa State (2019 – 2024)

WASSCE — Livingstone International Christian Academy (2015)

WORK EXPERIENCE

Chemistry Teacher (Assistant) | Federal University Otuoke, Bayelsa (2022 – 2024)

- Assisted in teaching and supporting undergraduate Chemistry courses and laboratory sessions
- Guided students through practical experiments while ensuring compliance with laboratory safety standards
- Prepared instructional materials and supported assessment of assignments and practical reports
- Applied analytical skills to interpret experimental results and improve student understanding

Student Chemistry Technician | Quick Health Pathology Clinic (May 2023 – November 2023)

- Ran electrolyte tests (sodium, chlorine, fluorine) and sugar level tests for patients using spectrometry equipment
- Performed urine analysis testing using Combina 9 and conducted QC checks on laboratory machines
- Separated blood from serum and maintained laboratory equipment
- Collected, labeled, and documented patient records and biological samples with accuracy
- Collaborated closely with healthcare professionals in a fast-paced clinical setting

Corps Member (Teaching), NYSC | International Secondary School, Rivers State University of Science and Technology (Aug 2025 – Jul 2026)

- Taught Basic Science (JSS1–JSS3) and Chemistry (SS1–SS2)
- Developed lesson plans and delivered practical demonstrations to reinforce theoretical concepts
- Assessed student performance through assignments, tests, and practical reports
- Participated in NAFDAC Community Development Service (CDS), conducting public sensitization campaigns on food and drug safety

RESEARCH PROJECT

Synthesis, Characterisation and Antimicrobial Studies on Silver Nanoparticles Synthesized from Aqueous Extract of the Fruit, Leaves, and Stem of Xylopia aethiopica

- Synthesized and analyzed silver nanoparticles and studied their antimicrobial properties
- Applied laboratory techniques and documented research findings

TECHNICAL SKILLS

- Laboratory analysis, quality control, and scientific documentation
- Data analysis & visualization: Microsoft Excel (Pivot Tables, IF/Lookup formulas), Power BI, SQL, basic Python
- Certified Data Analyst (Intermediate — Harvovx)

SOFT SKILLS

Communication • Teamwork • Customer Service • Problem-Solving • Time Management

LANGUAGES

English — Fluent | Igbo — Fluent