

Adamu, Aminu Habib

Lecturer/Data Scientist

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PROFILE SUMMARY

Detailed-oriented chemistry lecturer with 5+ years of experience in teaching, boosting students' scores by 20%, and awarded ₦4,000,000 research grant. Seeking to explore new challenges in the chemistry profession and apply my data science knowledge in a new environment.

SKILLS

PROFESSIONAL SKILLS Data Analysis | Data Visualization | Machine Learning | Presentation Skills
Teamwork | Research | Laboratory Management | Analytical Problem-Solving

TECHNICAL SKILLS MS Excel | MS Office | SQL | MySQL | Python | SPSS | Google Sheets

PROFESSIONAL EXPERIENCE

- Sept 2023 - Present **Data Science Fellow**, Click-On Kaduna Data Science Fellowship
- Collaboratively developed google forms to streamline and enhance data collection for the Committee of Practice (COP)
 - Transformed KDBS population data ensuring its integrity and usability for further analysis and reporting
 - Contributed to extracting valuable insights from SCM data using Power BI
- Jan 2023 – Present **Lecturer III**, Nuhu Bamalli Polytechnic, Zaria
- Teaching A-level organic and practical chemistry, guiding students to attain 7-15 points in IJMB final exam.
 - Delivered lessons to 150+ students, implementing a learner-centered method that was commended in students' academic achievements.
 - Administered performance assessment and supervised students during examination.
 - Developed and enhanced teaching strategy, integrating data visualization to improve students' retention.
- Jan 2020 – Jan 2023 **Graduate Assistant Lecturer**, Nuhu Bamalli Polytechnic, Zaria
- Instructed organic chemistry courses to 100+ students, delivering engaging lectures and practical laboratory sessions to A-level students.
 - Conduct both qualitative and quantitative analysis with students.
 - Ensured laboratory standard operating procedures are maintained by students.
 - Created and presented informative data visualizations to illustrate key chemical reactions during lectures and lab sessions.
- Feb 2018 – Jan 2020 **Head Teacher/Classroom Teacher**, State Universal Basic Education Board, Kaduna.
- Served in a double role due to the disengagement of unqualified teachers by the Kaduna State Government.
 - Ensured discipline in the classroom; prepared comprehensive lesson notes and lesson plans.
 - Managed 300+ pupils' school and 4 staff; enforced staff attendance and daily row call.
 - Represented the school in Head Teachers meetings; protected the interest of the school, and received teaching material from the Local Government.
- May 2017 – Apr 2018 **Assistant Quality Control**, Nigerian Institute for Trypanosomiasis Research (NITR)
- Served at Vector and Parasitology Unit; assisted during the test to confirm trypanosomiasis in cows.
 - Ensured visitors and staff, comply with laboratory standard operating procedures in order to avoid infection and exercise safety.
 - Reported incidents; broken glass wares and equipment failure.
 - Assisted on the fields to catch tsetse flies using the Epsilon Trap.

EDUCATION

2019 – In Progress	Masters in Environmental Chemistry	Ahmadu Bello University, Zaria
2019 – 2021	Professional Diploma in Education	Federal College of Education, Zaria
2012 – 2016	B.Sc. (HONS) Chemistry	Bayero University, Kano
June 2012	National Examination Council (NECO)	Government Secondary School, Gwarzo, Kano

PROFESSIONAL TRAINING

Jun 18, 2023	Data Science Professional – Google Professional Certificate
Jan 26, 2021	Jobberman Soft Skills - Coursera
Dec 5, 2019	Business Entrepreneurship Digital , FATE Foundation (Facebook Nigeria)
Feb 23, 2018	Proficiency Certificate in Management , Nigerian Institute of Management (Chattered)
Jun 9, 2009	Certificate in Computer Application & Data Processing , Teku Computer Institute

COMMUNITY AND VOLUNTEER WORK

Leadership, Teamwork, Management, Persuasion, Integrity

Jan 2021 - Present	Chemistry Course Coordinator , Department of IJMB Sciences, Nuhu Bamalli Polytechnic, Zaria. <ul style="list-style-type: none">Managed 7 chemistry lecturers, delegate responsibilities, drafted course allocation and submit to the Head of Department for approval.Distributed lecture materials and monitor lecturers' attendance to class.
Oct 2018 – Jan 2020	SBMC Secretary , UBE SAKO Primary School, State Universal Basic Education Board <ul style="list-style-type: none">Lead and motivated a village community, built a 4 classroom school for them with ₦400,000 World Bank Education Grant received.Decreased the number of out-of-school children to 15% in a SAKO village community by facilitating the enrolment of 250 out-of-school children.

HONORS AND AWARDS

21 Jan 2021	Research Grant (₦4,000,000) , Ministry of Education, Kaduna State
2019 - 2021	Rector's Award-Best Chemistry Lecturer (₦20,000) , Department of IJMB Sciences, Nuhu Bamalli Polytechnic, 2019/2020 academic session
16 Aug 2019	Aspiring Entrepreneurship Program , FATE Foundation/Facebook Nigeria

ASSOCIATIONS, AFFILIATIONS, AND GROUPS

18 Feb 2021	Certified Professional Teacher , Teachers Registration Council of Nigeria (TRCN)
05 Dec 2029	AEP77 Alumna , FATE Foundation
1 Jun 2019	Graduate Member , Nigerian Institute of Management (Chartered)

PUBLICATIONS, CONFERENCES, AND NOTABLE PRESENTATIONS

16 Jan 2023	"Evaluation of the Effect of Digital Instructional Strategy on Performance in Structures-Shapes of Molecules Among Senior Secondary School Students in Giwa LGA, Kaduna State, Nigeria" Journal of Studies in Science and Mathematics Education, Department of Education, Ahmadu Bello University, Zaria. 16 January 2023.
11 June 2021	"Phytochemical Screening And Antimicrobial Activity Of The Petroleum Ether And Ethyl Acetate Extracts From Rhizome Of <i>Cyperus Articulates</i> " A Paper Presented at the School of Secondary Education Sciences, Federal College of Education Zaria Annual 7 th – 11 th June, 2021

REFERENCES

1. Ahmad Rufai Bala

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Nuhu Bamalli Polytechnic, Zaria.
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2. Prof. H. N Aliyu

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