Muhammad Adamu Sidi-Ali
9 Baker Road Aberdeen, United Kingdom
• +447823784100 • ma_sidi@yahoo.com •

AREAS OF EXPERTIES

HTML
CSS
Bootstrap
Flexbox
CSS Grid
JavaScript
JQuery
Unix Command Line
Node.js
Express.js
EJS
MySQL
MongoDB
Mongoose
React.js
Git & GitHub (Version Control)
Azure
Microsoft 365
DaVinci resolve (video editing)
Blackboard Learn

EMPLOYMENT

May 2022 – Present:
Honorary Research Fellow in School of Natural and Computing Sciences, University of Aberdeen
Investigating how an Intelligent Tutoring System could adapt performance and emotional support feedback to the cultural background and performance of learners.

September 2021– May 2022:
Teaching Fellow in School of Natural and Computing Sciences, University of Aberdeen
Lecturing courses on programming and software project management at both undergraduate and postgraduate level (including course coordination), while also supervising final year undergraduate student projects.

June – July 2021:
Demonstrator: Introduction to Data Management for Data Sciences, University of Aberdeen
Redevelopment of learning resources. Reforming a course module configured for use with the University's VDI system, into a course module configured for use on standalone devices.

September 2019 – July 2020:
Demonstrator: Introduction to Data Management for Data Sciences, University of Aberdeen
Demonstrating for computer science course CS2018 (2019-20) where students learn by carrying out tasks using phpMyAdmin, Microsoft access, and writing SQL statements.

March 2015 – December 2017:
Web Developer, Transmission Company of Nigeria (TCN)
Responsible for design and maintenance of company's official websites and other applications, maintenance of Data Centre, and responding to ICT helpdesk requests.

2014 – 2015:
Education officer 1, FCT secondary education Board, Abuja, Nigeria
Worked in the school services division as a member of a team responsible for inspecting schools and supervising setup of computer rooms.

2012 – 2013:
Mathematics teacher, FCT secondary education Board, Abuja, Nigeria

Teaching students in Senior Secondary School 1 and 2 Classes. Setting test and examination questions, marking, contact time with students, providing feedback, and checking and assessing students' work, attending staff meetings, liaising with parents, enforcing administration rules amongst students, maintain accurate records regarding students' performance, assignments, attendance, and grades.

2010 – 2011:
IT support staff, National assembly Nigeria
Attending to helpdesk requests of staff.

July 2008 – December 2008
Mathematics teacher, Junior Secondary School Wuse zone 6, Abuja
Teaching students in Junior Secondary school 1, 2 and 3 classes. Setting test and examination questions, marking, providing feedback, and checking and assessing students' work.

EDUCATION

2018 – 2021   PhD Computing
University of Aberdeen: Supervised by Professor Judith Masthoff, Dr Matthew Dennis, and Dr Nigel Beacham
Thesis Title: Adaptive E-Learning: Motivating Learners Whilst Adapting Feedback to Cultural Background.
My research investigated how an Intelligent Tutoring System can adapt to the cultural background of learners when giving feedback.

2013 – 2014   MSc Computing
Coventry University
Dissertation: **"Transaction recorder Mobile application for International Money Transfer Agent."** The aim of the project was to develop a mobile application that keeps a record of transactions made by a money transfer agent.

2005 – 2010   B.Tech Mathematics Education
Federal University of Technology, Minna, Nigeria
Dissertation: Effects of instructional materials on Teaching Mathematics.

References available on request.