

SULEIMAN SABO MUHAMMAD

Newcastle Upon Tyne, United Kingdom

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in [LinkedIn](#)

EDUCATION

Newcastle University

September. 2023 - Present

MSc Cyber Security - **Semester 1 Grade: 80.17%** 

Newcastle, United Kingdom

Newcastle University

September. 2020 - June. 2023

BSc Computer Science (Software Engineering)-**Grade:(1st Class Honours)**

Newcastle, United Kingdom

Supervisor: **Professor Abi Durrant**

INTO Newcastle University

January 2020 - September 2020

International Foundation - **Grade: 84%**

Newcastle, United Kingdom

Science, Computing, Engineering and Mathematics

RESEARCH EXPERIENCE

Newcastle University

September. 2020 - June. 2023

Bachelor's Dissertation

Newcastle, United Kingdom

Exploring the Use of Digital Signatures to Address the Issues of Corruption, Usability, and Accessibility In Nigeria

- Conducted a comprehensive study involving participants, utilizing surveys and interviews to gather data on user experiences, and interaction with software systems, followed by thorough data analysis.
- Completed an in-depth 15,000-word research project for my dissertation titled 'Exploring the Use of Digital Signatures to Address the Issues of Corruption, Usability, and Accessibility In Nigeria' achieving a grade of 75%.

ONLINE CERTIFICATE

London School of Business and Finance

September. 2023

Certificate in Policy Issues in the Global Academy

London, United Kingdom

Government College

September. 2023

Certificate in Python Programming for Data Science

Rajahmundry, India

AWARDS & ACCOLADES

- **2023 Petroleum Technology Development Fund:** Total costs for a master's degree at Newcastle University, covering visa application fees, tuition, living expenses, and travel allowances.
- **2020 Petroleum Technology Development Fund:** Full funding for an undergraduate degree in Computer Science(Software Engineering).
- **Top Academic Performance:** Achieved the overall highest mark in the 'Principles of Computing' module with a grade of 95%.

MINI PROJECT

Secure Chat System

March. 2024

- Participated in an 8-member team for a project focused on developing a secure chat system.
- Conducted comprehensive threat modeling and created a security policy to identify and understand potential adversaries.
- Used React for frontend and Firebase for backend to ensure real-time communication.
- Enhanced security through steganography for message embedding and encryption

Predictive Analysis Of Weather Trends

December. 2023

- Conducted an analysis of weather data collected over 12 months using a Raspberry Pi computer, aiming to predict weather conditions at intervals ranging from 5 minutes to 12 hours.
- Explored various forecasting models, including Long Short-Term Memory (LSTM), Autoregressive Integrated Moving Average (ARIMA), and Moving Average, based on their strengths and suitability for time series data.

- Derived an optimised model architecture for the LSTM neural network, achieving remarkable predictive accuracy with an R-squared score of 0.9675.

Rubbish App

January 2022

- Part of a team that developed a cleaning app aligned with the United Nations' sustainable development goals
- Aimed to alleviate government strain by involving communities and individuals.
- Admins granted comprehensive control over blog management.
- Enabled tracking of areas needing cleaning and facilitated user reporting to foster environmental awareness.

Lottery Web Application

November. 2021

- Developed a Lottery Web Application to facilitate player participation
- Enabled two participation modes: member selection and random number generation.
- Integrated administrative controls for overseeing winning draws.

Blogging Web Application

October. 2021

- Designed and implemented a web application specifically for blogging.
- Featured distinct user roles: users and administrators.
- Admins granted comprehensive control over blog management.
- This includes the creation, updating, and deletion of content.
- Ensured robust content governance through administrative controls.

OTHER WORK EXPERIENCE

Matchday Assistant

August. 2021 - Present

Newcastle United Football Club

Newcastle, United Kingdom

- Ensured fan safety and comfort, managing crowds and rapidly responding to incidents.
- Developed skills in clear communication and collaborative problem-solving in a fast-paced environment.

Assistant Manager

January. 2019 - Present

Kuyan Integrated Farm

Kano, Nigeria

- Played a pivotal role in managing the financial aspects of the farm operations. Demonstrated adeptness in inventory management by overseeing the stock rotation process, ensuring optimal stock levels.

HOBBIES

Watching and playing football, playing FIFA, talks about computer security, coding, travelling and listening to afrobeat music.