**MUHAMMAD ABDULLAHI**

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**Profile**

A Motivated, analytical data professional, and a current participant in Tech Talent Academy’s Data academy program, learning the essentials in Python programming, including core data science libraries such as Numpy, Pandas, Scikit, and Tensorflow. Also, I am gaining a thorough grounding in machine learning algorithms, relational database management (SQL), data visualisation/business intelligence packages such as PowerBi and R programming languages. I am an enthusiastic and versatile worker looking for entry-level data science positions to utilise this skill set.

**Education:**

**Tech Talent Academy, Data science (Nov-2021-Feb-2022)**

An intensive 14-week course focused on data science essentials delivered through interactive group learning and home learning tasks. During this course, I developed strong skills in manipulating data using Numpy and Pandas while visualising the data using Python libraries, including matplotib, Altair, and other software packages such as PowerBi.

**BSC Foundation Award-Machine Learning Nov-2021: Feb-2022**

**Nigerian Defence Academy, Postgraduate School Dec-2014: Sep-2017**

**Usmanu Dan-Fodio University Dec-2006: Dec2010**

**Skills**

Organisation and Planning

1. Developed excellent skills in planning and executing extensive experiments and gained the ability to multi-task and finish my course work throughout my master’s degree while also working part-time.
2. Organised successful training on DNA extraction techniques for secondary school students during the summer break in Nigeria.

Critical Thinking

1. Research: Conducted research on ‘staff welfare as a means of improving staff productivity, a collaborative study sponsored by the Ministry of Education, Federal Republic of Nigeria.
2. Analysis: I have multi-omics data using the R programming language.

Communication & Presentation

1. Designed, executed, and presented a research paper to an audience of academics and peers.
2. Presented talks on topics ranging from climate change, bioremediation, and toxicology.

Teamwork and Leadership

* Collaborated and authored research papers in peer-reviewed journals.
* Mentored and supervised three Undergraduate students during the analysis and interpretation of data for their final year project.

**Working Experience**

**Lecturer (Industrial Microbiology) Nov 2017- July 2018**

**In this position as a Lecturer in Microbiology, I gained the following experience:**

* **Tutoring**
* **Delivering lectures**
* **Preparing and organising lab experiments.**
* **Marking.**

**My involvement in teaching this high-volume unit (650 students enrolled) led to a smooth and successful delivery of the Industrial Microbiology course at Usmanu Dan-Fodio University, Sokoto, Nigeria, and demonstrated my ability to multitask while also working tirelessly to complete my master’s research during this full-time employment.**

* **Actively engaged, supported, and taught 650 undergraduate students in this period with an excellent pass rate.**
* **Developed and delivered practical classes in an industrial microbiology course.**
* **Co-supervised three undergraduate students for their project during my second year as a PhD researcher at the University of Birmingham (Nov 2019- March 2020).**

**Interest and Hobbies**

I am an avid reader with a keen interest in finance, investigative journalism and economic policies, and all matters relating to machine learning and ethical hacking. I also enjoy watching football, sci-fi, crime, and war movies in my spare time. I also love going camping and using my drone to take beautiful pictures of terranes and landscapes from the mountain summit.

**Personal achievements**

* Recipient of Photon Young Scientist Award-2014: In Antimicrobials for excellent research on *Antibacterial peptides production potentials of some common Insects*
* Petroleum Technology Development Fund Oversee Scholarship to pursue PhD in the United Kingdom 2018
* Best graduating student from the Department of Microbiology, Usmanu Danfodio University, Sokoto. 2010.