Mustapha Abdullahi

London, United Kingdom

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EDUCATION

Queen Mary University of London   **Sept. 2022 - Sept. 2023**
MSc Artificial Intelligence [Computer Vision and Robotics] - ***Grade: 80% (Distinction)***   *London, U.K.*

Ahmadu Bello University   **Oct. 2015 - Nov. 2021**
Bachelor of Engineering in Computer Engineering - ***CGPA****: 4.90/5.00*   *Zaria, Nigeria*

INDUSTRY EXPERIENCE

QuantumBlack AI Labs (McKinsey & Company)   **Oct. 2023 - Jan. 2024**
Software Engineer Intern   *London, U.K.*
- Developed a one-click CLI tool for effortless deployment of **Kedro** projects on **Databricks** Platform.
- Implemented essential client study feedback as integral components within software production pipelines.

Play4Work   **Feb. 2021 - Mar. 2022**
Chatbot Developer   *Canada(Remote)*
- Collaborated with a team of 5 to design conversation mappings required to build an interactive chatbot with Google Dialogflow, reducing 60% of the company's workload of candidate's job matching.

Huawei   **Jan. 2020 - Feb. 2020**
Big Data/Cloud Intern   *Lagos, Nigeria*
- Performed Data Analysis of Smart IoV solution with over 400,000 data points utilizing HiveQL for offline analysis, Apache HBase for real-time query and retrieval and Spark-SQL to migrate the offline analysis service.

RESEARCH EXPERIENCE

Large-Scale Data & Systems (LSDS), Imperial College London   **June 2023 - Aug. 2023**
Student Intern [Master's Thesis] (Advised by: **Prof. Bo Zhao** & **Prof. Peter Pietzuch**)   *London, U.K.*
- Evaluated tradeoffs among three distribution policies of MindSpore Distributed RL.

SELECTED AWARDS

- **AEGEAN scholarship - Travel Grant to attend M2L School (one of 10 top students)** - May 2023
- **Best Graduating Engineering Student in Nigeria, NSE (Nigerian Society of Engineers)** - Dec. 2022
- **Google DeepMind Scholar** - Aug. 2022
- **QuantumBlack (McKinsey Company)/Office of AI Scholar** - Aug. 2022
- **Best ICT Competition Instructor, Huawei ICT Competition Sub-Saharan Africa** - Apr. 2022
- **Grand Prize Winner, Huawei ICT Competition Global Final - Cloud Track** - Nov. 2020

PUBLICATIONS

[1] Mustapha , A.J. 2021. *An Artificial Intelligence of Things (AIOT) based Assistive Smart Glass for the Visually Impaired.* [Poster Presentation]. Department of Computer Engineering, Ahmadu Bello University, Nigeria. ⬈

VOLUNTEERING

Arewa Data Science Academy   **Feb. 2023 - Present**
Machine Learning Mentor   *Nigeria*

Ahmadu Bello University   **Feb. 2018 – Apr. 2021**
Tutor - Control Engineering (COEN303, COEN407, COEN507)   *Zaria, Nigeria*

TECHNICAL SKILLS

Programming Languages: Python, Scala, C++, MATLAB, LaTeX, ROS
ML Frameworks: PyTorch, Tensorflow, Keras, Kedro, Apache-Spark, Scikit-Learn, XGBoost
Cloud Services: GCP, AWS, Databricks Platform, Huawei Cloud Platform
Operating System: Linux (Ubuntu, Cent OS 7.*), Windows
Big Data Tools: Hadoop, Apache Spark, Apache Hive, Hbase, MySQL, Huawei MapReduce Service, Gremlin
Microprocessors: Raspberry pi (zero, 3), Arduino, ESP32, ESP8266