

MUSTAPHA ABDULLAHI

Espoo, Finland

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EDUCATION

Aalto University <i>PhD in Computer Science</i>	April 2024 - Present <i>Espoo, Finland</i>
Queen Mary University of London <i>MSc Artificial Intelligence [Computer Vision and Robotics] - Grade: 80% (Distinction)</i>	Sept. 2022 - Sept. 2023 <i>London, U.K.</i>
Ahmadu Bello University <i>BEng Computer Engineering - CGPA: 4.90/5.00 (First-class)</i>	Oct. 2015 - Nov. 2021 <i>Zaria, Nigeria</i>

INDUSTRY EXPERIENCE

QuantumBlack AI Labs (McKinsey & Company) <i>Software Engineer Intern</i>	Oct. 2023 - Jan. 2024 <i>London, U.K.</i>
<ul style="list-style-type: none">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 <i>Chatbot Developer</i>	Feb. 2021 - Mar. 2022 <i>Canada (Remote)</i>
<ul style="list-style-type: none">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 <i>Big Data/Cloud Intern</i>	Jan. 2020 - Feb. 2020 <i>Lagos, Nigeria</i>
<ul style="list-style-type: none">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 <i>Research Intern [Master's Thesis] (Advised by: Prof. Bo Zhao & Prof. Peter Pietzuch)</i>	June 2023 - Aug. 2023 <i>London, U.K.</i>
<ul style="list-style-type: none">Evaluated tradeoffs among three distribution policies of MindSpore Distributed RL.	

SELECTED AWARDS & ACCOLADES

• Finnish Doctoral Program Network in Artificial Intelligence (AI-DOC) funded by Finnish Center of Artificial Intelligence (FCAI).	2025-2028
• Finland Fellowship [for doctoral studies at Aalto University]	2024
• Best Graduating Engineering Student in Nigeria, NSE (Nigerian Society of Engineers)	2022
• Google DeepMind Scholar	2022-2023
• QuantumBlack (McKinsey Company)/Office of AI Scholar	2022-2023
• Best ICT Competition Instructor, Huawei ICT Competition Sub-Saharan Africa	2022
• Grand Prize Winner, Huawei ICT Competition Global Final - Cloud Track	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 <i>Machine Learning Mentor</i>	Feb. 2023 - Present <i>Nigeria</i>
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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