

MUHAMMAD HAROON WAJID

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OBJECTIVE

Final-year Data Science student passionate about Generative AI and Machine Learning. Seeking opportunities to apply skills in real-world scenarios and drive innovation

EDUCATION

Bachelor of Data Science, FAST National University Islamabad Expected 2025

Intermediate in Computer Science, Roots International College H-8 2019 - 2021

EXPERIENCE

Teaching Assistant (Introduction to Data Science DS2001) Sep 2023 - Jan 2024
FAST NUCES *Islamabad, Pakistan*

- Designed 5 Assessments, 5 quizzes and 4 home task for students to have a deeper knowledge and understanding of core concepts Data Science including model training, data analysis and visualisation.
- A 20 percent increase in student engagement due to the Teaching Assistant program led to a 7-point average improvement in assignments and an impressive 13 percent jump in course completion rates.

Data Science Intern Jul 2023 - Sep 2023
Ufone/PTCL Group *Islamabad, Pakistan*

- Contributed in the business excellence department by identifying more than 30 regions with less signal retrieval using Geo Mapping and suggesting possible improvements.
- Improvements led to 10 percent better response in customer retention as compared to the previous month.
- Developed a Churn-rate Model to identify monthly churn rate at more than 80 percent accuracy.

LEADERSHIP

- President of FAST Data Science Society with over 100+ Student members and the official Departmental Society of FAST NUCES Islamabad.
- Organised 10+ events including 2 hackathons in collaboration with Motive and Tensor Labs.
- Best Performer Award for Nascon '23

PROJECTS

Data Visualisation Platform. I developed an interactive data visualization platform utilizing D3.js for dynamic front-end visuals. Integrated with MongoDB and Flask on the backend for efficient data management and API creation. Employed HTML, CSS, and JavaScript for seamless user interface.

Spotify Music Experience Used big data tools (Hadoop, Kafka, Spark) and machine learning to build a music recommender system like Spotify's. It analyzes listening habits and recommends songs users might enjoy. The machine learning model I trained achieved over 90 percent hit rate.

SKILLS

Technical Skills

Machine Learning, Artificial Intelligence

Data Analysis and Visualisation

Databases

Python, C++, JavaScript, BigData, Html/CSS, Flask

Scikit-learn, PyTorch, Tensorflow, Generative AI

Tableau, Power BI, d3.js, Matplotlib, Seaborn

MySQL, MongoDB