Name:
Muhammad Talha Arshad

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Career Objective / Profile:
Dedicated Data Science undergraduate at FAST-NUCES Islamabad with strong theoretical knowledge and practical skills. Passionate about machine learning, data analysis, and end-to-end data lifecycle projects. Eager to leverage internship opportunities to develop hands-on experience and contribute to impactful data-driven solutions.

Education:
Bachelor of Science in Data Science, FAST-NUCES Islamabad, 2023 – 2027
Relevant Courses: Statistical Analysis, Machine Learning, Data Mining, Database Management
GPA: [Not Provided]

Skills:
- Programming Languages: Python, R, C++, C#, Node.js
- Databases: MySQL, SQL
- Data Analysis & Machine Learning: Statistical Analysis, Probability, ARIMA, SVM, Random Forest, Deep Learning
- Tools: Relational Mapping, ERD, LaTeX, MER
- Languages: English, Urdu

Experience / Internships:
Summer Intern, Knowledge Discovery and Data Science (KDD) Lab
Summer 2025 (June 9 – August 10)
- Applied machine learning, NLP, and deep learning techniques to optimize image generation projects
- Developed models trained on sub-prompts from multi-language prompts using scene graphs for improved image generation

Volunteer, Jamshed Akhtar Qureshi Education Trust (JAQET): (February 2025 – May 2025)
- Managed 100+ survey lifecycles including manual data extraction, cleaning, and normalization in Excel
- Conducted statistical analysis using Python to support educational resource allocation

Projects:
Inflation-Prediction-Model, 2024
- Built a predictive inflation model using R, ARIMA, SVM, and Random Forest techniques

Taskify (Task Manager App), 2023
- Developed a task management application with features for task creation, scheduling, and prioritization using C#

Traffic Manager, 2023
- Simulated traffic flow to analyze congestion patterns using C++

Game Information Database, 2023
- Designed and implemented a game data storage and management system using C++

Achievements:
- Certified: Supervised Machine Learning, Stanford University
- Certified: Probability for Data Science, Great Learning Academy
- Certified: Data Science Tools, IBM/Cognitive Classes
- Scholarship Holder: 10th class from GSS(Fbise)—80% Full Marks in 3 science Subjects

References:
Available upon request