

Name:
Muhammad Talha Arshad

Contact Information:
Email: i232548@isp.nu.edu.pk
Phone: +923329439338
LinkedIn: linkedin.com/in/t-arshad/
Address: Sohan, Islamabad

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: 2.5

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

