

Hafza Batool

Mathematics Graduate

Fresh graduate with a degree in Mathematics and hands-on experience in a university setting. I am good at managing tasks and working with different teams. I am comfortable learning new systems quickly. As an MTO, I am excited to gain practical exposure across departments and grow professionally through real-world experience.

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EDUCATION

Bachelor of Science in Mathematics

Namal University Mianwali

Sep 2022 - Present | Mianwali, Pakistan

Key Courses

- Probability and Statistics
- Calculus
- Linear Algebra
- Machine learning
- Introduction to Programming (python)

Data Analytics Bootcamp (Online)

IEC – Institute of Emerging Careers

Aug 2025 - Feb 2026

Key Courses

- MS Excel
- My SQL
- Power BI
- Business Intelligence

EXPERIENCE

Teacher Assistant

Namal University Mianwali

Oct 2025 - May 2026

Tasks

- Assisting in undergraduate courses including Topics in Geometry and Quantitative Reasoning
- My Responsibilities include maintenance of course folders and evaluating assignments and Quizzes

Contact Person

Dr. Awais Shaukat | awais.shaukat@namal.edu.pk

Volunteer Lab Assistant

Namal University Mianwali

Feb 2023 - Jul 2024

Tasks

- Provided one-on-one assistance to students in understanding procedures
- Assisted in organizing practical sessions and ensuring smooth workflow

Contact

Dr. Zia ur Rehman | zia.rehman@namal.edu.pk

SKILLS

prompt engineering

My SQL

Power BI

MS Office (Word, Excel, PowerPoint)

Python (Pandas, NumPy, Scikit-learn)

Leadership

Fast learner with a problem-solving mindset

PROJECTS

RAG-Based Explainable CV-Job Matching System

FYP | Namal University Mianwali

Oct 2025 - Present

Tasks / Achievements

- Built a fully custom RAG pipeline (no LangChain) for semantic CV-JD matching
- Designed ablation study comparing cosine, dotproduct, and L2 similarity
- Introduced custom RES metric for joint evaluation of retrieval efficiency and quality
- Deployed via Streamlit with interpretable candidate ranking and match explanations

LANGUAGES

English

Professional Working Proficiency

Urdu

Native or Bilingual Proficiency