



Marjan Fatima

Data Scientist

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Exploring the world of data science one step at a time, dedicated to continuous learning and innovation, I thrive in environments where I can use my creativity and technical skills to understand patterns and optimize processes.

EDUCATION

BS Computer Science Namal University Mianwali

09/2020 - 07/2024

Courses

- Object Oriented Programming
- Software Engineering
- Database Systems
- Machine Learning
- Project Management
- Data Structures
- Analysis of Algorithms
- Artificial Intelligence
- Data Analysis and Visualization

WORK EXPERIENCE

Intern UBL Karachi

06/2022 - 08/2022

Karachi, Pakistan

Achievements/Tasks

- I worked alongside the data and AI teams.
- I spent two weeks researching data warehousing.
- I learned about the common frameworks used for data visualization.
- I made a professional dashboard using React JS, Node JS, JavaScript, HTML, and CSS.

Teachers Assistant Namal University Mianwali

11/2023 - 07/2024

Achievements/Tasks

- Teachers Assistant for Artificial Intelligence (AI) course.
- Teachers Assistant for Machine Learning (ML) course.

ORGANIZATIONS

President - Namal Computing Society
(10/2023 - 05/2024)

Executive - Namal Character Building Society
(11/2022 - 02/2023)

SKILLS

Python

Machine Learning

Database

MySQL

Natural Language Processing

TensorFlow

Communication

Scikit-Learn

React js

PERSONAL PROJECTS

Hand written Number Image Classification (01/2023)

- Using **Scikit-learn** on hand-drawn roman numerals (IX) dataset, we trained a multi-class neural network for maximum training and validation accuracy.

Face Mask Detection (11/2022)

- Implement a classification algorithm to solve a binary classification problem using **Python and TensorFlow**.

Urdu Text to Speech System (11/2023 - 07/2024)

- Combining advanced linguistic algorithms and machine learning models to develop an Urdu text-to-speech system.
- Producing a natural and high-quality voice output to make digital content more accessible for Urdu speakers.
- Creating inclusivity in the digital communication space by transforming written Urdu content into spoken words.

CERTIFICATES

Data Wrangling using Slice N Dice (02/2021)

by University Of Glasgow

Supervised Learning: Machine Learning Course - Coursera - Stanford (02/2023)

3-day Corporate training workshop (03/2024)

by NayaTel

ACHIEVEMENTS

Full-Merit Scholarship (09/2020 - 07/2024)

I secured a full merit scholarship to study in Namal University, Mianwali

Top 3 in Campus-to-Corporate Training

organized by NayaTel

Best Final Year Project Award (07/2024)

During Expo'24 Bahria University Islamabad