

# Mehwish Iqbal

Student

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Undergraduate Mathematics Student with a strong interest in Machine Learning and Data Science, using mathematical foundations to create new solutions.

## EDUCATION

### BS Mathematics Namal University Mianwali

11/2021 - Present

Mianwali, Pakistan

Key Courses

- |                                       |                              |
|---------------------------------------|------------------------------|
| - Machine Learning                    | - Probability and Statistics |
| - Linear Programming and Optimization | - Calculus                   |
| - Linear Algebra                      | - Numerical Methods          |

## WORK EXPERIENCE

### Teaching Assistant Namal University, Mianwali

09/2024 - Present

Achievements/Tasks

- Currently serving as a TA. This role enhanced my communication and teaching skills.

### Teaching Govt. Girls High School Gohar Khel Abba Khel

03/2019 - 06/2019

Achievements/Tasks

- I taught high school students for three months. This experience improved my ability to explain complex concepts in a clear and concise way.

## ORGANIZATIONS

Namal Mathematical Society

Assistant Decor

Open Source Society

Assistant Marketing

## SKILLS

Latex

Microsoft Office

Python

R

Teaching

Problem Solving

Time Management

Multitasking

Team Work

## UNDERGRADUATE PROJECTS

Conversational AI-Powered Banking: Enhancing Customer Support (Final Year Project)  
(09/2024 - Present)

- Building an innovative AI-Powered Banking System that utilizes advanced dialogue management, sentiment analysis and intent recognition to deliver 24/7 customer support.

Key Semester Projects

- Completed project in data analysis and visualization using R programming.
- Developed a CNN-based model to classify facial expressions into seven distinct emotions.

## CERTIFICATE

Introduction to Python (Sololearn)

Python Data Structures (Great Learning)

Introduction to Neural Network (Great Learning)

Convolutional Neural Network (Great Learning)

Introduction to Large Language Models  
(Simplilearn)

Certificate of Participation

*One Day Workshop: Writing a Research Paper and Getting it Published, Department of Mathematics, Namal University*

## ACHIEVEMENT

Merit Scholarships

*Consistently awarded merit scholarships for academic excellence*

## INTERESTS

Cooking and Baking

Sewing

Decoration

Learning Software

Gardening

Novel Reading

Knitting

Traveling