

# Zunaira Batool

Aspiring Mathematician

zunaira2020@namal.edu.pk

03023846472

Rahim yar khan, pakistan

As an enthusiastic mathematician committed to advancing knowledge and applying mathematical principles to real world challenges. I'm passionate about the intersection of mathematics and technology. Experienced in delivering engaging presentations and utilizing mathematical insights for data-driven solutions.

## EDUCATION

### BS Mathematics

Namal university Mianwali

#### Courses

- Discrete mathematics
- Linear Algebr
- Probability and statistics
- Machine Learning
- introduction to python
- caculus

### FSC Pre Engineering

Punjab Daanish girls Rahim yar khan

2018 - 2020

## WORK EXPERIENCE

### Content writer

Namal university Mianwali

12/2021 - Present

Namal mathematical society (NMS)

Mianwali

#### Achievements/Tasks

- Write all the official emails,captions and managed the whole page of society

Contact : General secretary

### Data enty job

DHQ Hospital

06/2023 - 08/2023

#### Achievements/Tasks

- supported hospital outreach with data mangement and recorded polio vaccination data for household,ensuring accuracy.

### Teaching experience

Teach mathematics to high school students

#### Achievements/Tasks

- Learned effective classroom management skills and maintaining discipline.

### workshop on python and data handling

lums and namal collebration

#### Achievements/Tasks

- learn basic python language and explore different techniques how to clean and preprocess data

## SKILLS

MS word

python

latex

mapple

Good communicator

Excellent presenter

Problem solver

Decision maker

## UNDERGRADE PROJECTS

Final Year Project (Prediction of Mental Health Problems in University Students Using Machine Learning).

- Data Collection, Scaling, Labelling Through DASS-21 and WHOQOL Scale
- Data Visualization
- Implementation of Algorithms such as KNN,NB,SVM,LR,MLP
- Comparative Analysis of Algorithms and Factor Analysis

House price prediction using machine learning

- Predicted price of houses by using different machine learning algorithms

A Project of Dynamical Systems: "Differential Equation of Love and Love for Differential Equations" (09/2022 - 01/2023)

## ACHIEVMENTS

Got Merit Scholarship in Namal University Mianwali (08/2020 - 07/2024)

Merit Scholarship for Bachelor

PEEF scholarship for BS program (2020 - 2024)

## CERTIFICATES

-Agri Tourism Conference (Nov2022)

-PEEF Scholarship (Oct2020)

-Campus to corporate traning session

## LANGUAGES

English  
Full Professional Proficiency

Urdu  
Full Professional Proficiency

Chinese  
Limited Working Proficiency