# Badr Uz Zaman
## Student Of Mathematics

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Hafizabad, Punjab, Pakistan

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A passionate Mathematics student specializing in Data Science with expertise in AI and ML. Skilled in Data Analysis, Visualization, and Predictive Modeling using Python, R, TensorFlow, and OpenCV. Experienced in AI-driven projects, Mathematical Data Architectures, statistical data processing, and mathematical optimization. Passionate about solving real-world problems through data-driven solutions.

## EDUCATION

**BS MATHEMATICS**
NAMAL UNIVERSITY, MIANWALI
*11/2021 - Present*

Some Key Studied Courses
- Machine Learning
- Data Analysis and Visualization
- Data Science
- Programming

## WORK EXPERIENCE

**Teacher Assistant**
Department of Mathematics
*02/2025 - Present*          *Namal University, Mianwali*

**Assistant Marketing Manager (Remote Job)**
Expert Education Hub
*12/2024 - 02/2025*          *Ostrava, Czech Republic*

**Co-Organizer**
Writing a Research Paper and Getting it Published (One Day Workshop)
*01/2025 - 01/2025*          *Namal University, Mianwali*

**Vice President**
Namal Society For Social Impact (NSSI)
*09/2024 - Present*          *Namal University , Mianwali*

**Vice President**
Scholar Bridge Society, Namal Student Chapter
*08/2024 - Present*          *Namal University, Mianwali*

**Graphic Designer (Work Study Program)**
Department of Mathematics
*12/2023 - 05/2024*          *Namal University, Mianwali*

**Head Media Coverage**
Namal Society For Social Impact (NSSI)
*09/2023 - 06/2024*          *Namal University, Mianwali*

**Co-Organizer**
Namal STEAM Club
*11/2023 - 12/2023*          *Namal University, Mianwali*

**Director Photography**
Namal Mathematical Society (NMS)
*11/2021 - 12/2023*          *Namal University, Mianwali*

**Co-Organizer**
Maths-Carnival 2023 & 2024
*10/2023 - 10/2024*          *Namal University, Mianwali*

## SKILLS

Machine Learning • Python • R • Latex • MS Office • Critical Thinking • Problem Solving • Leadership • Project Management • Marketing • Graphic Designing

## PROJECTS

**Images Based AI-Algorithm For Soil Analysis (Final Year Project)**
- Developed an AI-driven SoilAnalyzer mobile app for precision agriculture.
- Engineered a mathematical model, yielding promising results.
- Used computer vision for soil analysis.

**Semester Projects**
- Emotion Classification Using Facial Recognition.
- AI-Powered Diamond Price Prediction.
- AI-Driven House Price Prediction.
- Data Interpretation using R language.
- Namal Boys Hostel Space Optimization.

## CERTIFICATES

Introduction to Computer Vision ( Great Learning)

Python Data Structures (Great Learning)

Image Recognition Basics for Beginners (Simplilearn SkillUp)

**Certificate of Participation**
*Punjab Innovation & Technology (PiNTECH) Expo 2025, Expo Centre Lahore*

**Certificate of Participation**
*NAMAL TECH EXPO 2025, Namal University Mianwali*

**Certificate of Participation**
*Business Idea Competition, Namal University Mianwali*

**Certificate of Participation**
*STEAM Fest 2024, IBA University Sukkur*

## ACHIEVEMENTS

**Best Dressing Award**
*Cultural Fest 2024, Namal University*

**Merit Scholarships**
*Granted merit scholarships for academic excellence in college and university.*

## INTERESTS

Research Oriented Tasks • Playing Cricket • Hiking