

# Bakht Maarij

Student

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Mianwali, Pakistan

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Undergraduate Mathematics student passionate about applied mathematics and data simulations to solve real-world problems.

## EDUCATION

### BS Mathematics Namal University Mianwali

11/2021 - Present

Mianwali, Pakistan

Key Courses

- Numerical Methods
- Introduction to linear Programming and Optimization
- Machine Learning
- Partial Differential Equations

## WORK EXPERIENCE

### Intern

#### Nexgen Impex Pvt.ltd

09/2023 - 11/2023

Mianwali, Pakistan

Achievements/Tasks

- Applied SEO techniques to enhance website visibility, researched keywords, and analyzed traffic data.

### Intern

#### Nexgen Impex Pvt.ltd

06/2024 - 08/2024

Mianwali, Pakistan

Achievements/Tasks

- Designed many websites, polished my designing and creative skills.

### Tutor

#### Namal Society for Social Impact

01/2022 - 05/2023

Achievements/Tasks

- Taught matric and intermediate students for 3 years, improved my teaching methods and strengthening communication skills.

### Work Study

#### Namal University Mianwali

06/2021 - 07/2021

Mianwali

Achievements/Tasks

- Gained experience in data entry, time management and improved my communication skills.

## ORGANIZATIONS

### Namal Society for Social Impact

Vice President

### Scholar Bridge Society

Communication Director

### Digital Empowerment Network

Ambassador of Mathematics Department

## SKILLS

Presentation skills

Teaching

Time Management

Team work

Multi-tasking

Team Leadership

MS Office

MS Powerpoint

Latex

COMSOL

SEO

Wordpress

Figma

## UNDERGRADUATE PROJECTS

### Final Year Project (10/2024 - Present)

- Developed a hybrid CFD-ANN framework to predict real-time flow properties over backward-facing step with obstacle, enhancing accuracy and reducing computational load using Machine Learning.

### Semester Projects

- Completed Project in Data analysis and Visualization using R studio.
- Completed Project about Hostel Facilities Analysis using Pie Charts.
- Developed a CNN based model for the classification of Facial Expressions.

## CERTIFICATES

SEO course from digiskills (07/2024)

Wordpress course from digiskills (02/2024)

SEO internship from Nexgen Implex (11/2023)

WordPress internship from Nexgen Implex (08/2024)

English and soft business skills from HCC (08/2024)

## ACHIEVEMENTS

Best teaching Co-head (07/2023)

Education wing, NSSI

Merit Scholarships (2019 - Present)

I received 100% merit scholarships throughout my college and university education.

## INTERESTS

cooking and Baking

Designing

Paper Crafting

Video Editing

Gardening

Travelling