

Alishba Khalid

Mathematics Student Exploring Machine Learning

Graduate BS Mathematics student with a strong foundation in mathematics, statistical analysis, data science, and machine learning. Learning Python, passionate about applying mathematical concepts and data-driven techniques to solve real-world problems. Eager to contribute to innovative projects and further develop technical skills.

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WORK EXPERIENCE

Computer Vision Internship

ITSolera

Jan 2026 - Mar 2026

Accomplishments / Tasks

- Implemented artificial intelligence models for real-world applications
- Worked on data preprocessing, model training, and performance evaluation
- Collaborated with cross-functional teams to deliver data-driven solutions

Machine Learning Internship

Arch Technologies

Accomplishments / Tasks

- Developed and implemented machine learning models to support data-driven solutions
- Collaborated with teams to analyze datasets and optimize model performance
- Performed feature engineering to enhance model accuracy and efficiency

EDUCATION

Bachelor of Science in Mathematics

Namal University

Sep 2022 - Present | Mianwali

Courses

- Introduction to Programming
- Probability & Statistics I & II
- Data Visualization
- Ordinary Differential Equations
- Machine Learning

FSc (Pre-Engineering)

Reader Group of Colleges

Apr 2020 - May 2022 | Mianwali

SKILLS

Python

Machine Learning

Statistical Analysis

Data Visualization

Team Management

Problem Solving

MS Office Suite

PROJECTS

Seed Germination Prediction Using Machine Learning Approach

Developer

Collecting original dataset of seed images and environmental factors; training multiple ML models and building a web app for real-time germination probability prediction.

Feb 2025 - Present

Traffic Sign Recognition Using CNN

Developer

Built and trained a convolutional neural network to classify traffic signs with high accuracy.

Jan 2025 - Feb 2025

Email Spam Classification

Developer

Developed a machine learning model using NLP techniques to classify emails as spam or ham.

Sep 2024 - Oct 2024

CERTIFICATES

Machine Learning using Python

Simplilearn

Python for Beginners

Simplilearn

LANGUAGES

English

Professional Working Proficiency

Urdu

Native or Bilingual Proficiency