



MUHAMMAD ATTA HUSSAIN

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Mathematics undergraduate with strong analytical and problem-solving skills. Passionate about Natural Language Processing and intelligent language systems. Eager to apply math and AI techniques to real-world applications.

EDUCATION

BS Mathematics Namal University, Mianwali

11/2021 - Present

Courses

- Linear Algebra
- Introduction to Data Science
- Machine Learning
- Probability & Statistics
- Linear Programming and Optimization

FINAL YEAR PROJECT

A Novel CFD-ANN Framework for the Prediction of Real Time Flow Features.

- Designed a hybrid CFD-ANN framework for real-time prediction of aerodynamic forces like drag and lift. Used Python and MATLAB along with libraries such as TensorFlow, NumPy, and Matplotlib. Focused on enhancing prediction speed and reliability for fluid dynamics simulations.

Key Semester Projects

- Comparative Analysis of the CNN Architectures for the Facial Expression Recognition.
- Chatbot for Medical Diagnosis Assistance
- Sentiment Analysis of Movie Reviews Using Machine Learning and Natural Language Processing.
- Automated Keyword Extraction from Text Using NLP Techniques.

WORK EXPERIENCE

Team Coordinator Namal Literary and Debating Society

05/2023 - 03/2024

Achievements/Tasks

- Coordinated logistics and event planning for campus-wide literary activities at Namal University.

Assistant Finance Director Namal Mathematical Society

08/2022 - 03/2023

Achievements/Tasks

- Worked as Assistant Director of Finance at Namal Mathematical Society, approving budgets for different events at Namal University

SKILLS

Python

NLP

Excel

MATLAB

LaTeX

Time Management

TeamWork

Communication

CERTIFICATES

Machine Learning for Absolute Beginners
(07/2023 - 08/2023)

Alison (Online Platform)

Basics of Natural Processing Language
(09/2024 - 10/2024)

Alison (Online Platform)

LANGUAGES

English

Professional Working
Proficiency

Urdu

Native or Bilingual Proficiency

Saraiki

Native or Bilingual Proficiency

INTERESTS

Cricket

Poetry

Travelling

Hiking