



Iqra Iqbal

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Mianwali, Pakistan

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Highly motivated in applying machine learning techniques to data science and artificial intelligence projects. Aiming to use these skills to drive innovation and solve real-world problems

EDUCATION

Bachelor of Mathematics Namal University Mianwali

09/2020 - 07/2024

Mianwali, Pakistan

Courses

- Calculus
- Linear Algebra
- Introduction to Programming
- Numerical Methods
- Machine Learning
- Quantitative and Computational Reasoning

WORK EXPERIENCE

Amal Fellow Amal Academy

03/2024 - Present

Online

Achievements/Tasks

- Skills development: Investing 150 hours in order to develop business skills (e.g, design thinking leadership, problem-solving, teamwork, etc.) that will help me make a deeper impact on the job

Teacher Assistant Namal University Mianwali

02/2024 - Present

Mianwali, Pakistan

Achievements/Tasks

- Assisted the professor in the Mathematics Department with administrative tasks.
- Guided students in complex mathematical concepts, delivering engaging tutorial sessions resulting in significant improvement in their understanding and performance.

Intern Namal centre of excellence and skill development society

05/2022 - 06/2022

Mianwali, Pakistan

Achievements/Tasks

- Learned effective paper-writing techniques during an internship where we collaborated on writing a project papers in material science

ORGANIZATIONS

Namal Mathematical Society (11/2022 - 06/2023)

Codirector of marketing

Voice of namal (10/2020 - 08/2021)

Social media manager

SKILLS

Problem Solving

Programming

Teamwork

Content Writing

Graphic Designing

Python

Critical Thinking

Social Media Marketing

FINAL YEAR PROJECT

Comparative Analysis of Optimal Techniques for Sleepiness Detection (10/2023 - 06/2024)

- Final Year Project focuses on machine learning, specifically conducting a comparative analysis of optimal techniques for sleepiness detection. This entails delving into the underlying mathematics and backend algorithms to comprehend their effectiveness

CERTIFICATES

Supervised Machine Learning: Regression and Classification from Coursera (02/2024 - 09/2022)

Campus to Corporate Training from Namal University Mianwali (01/2023)

Graphic Designing Course (09/2022)

PUBLICATIONS

A DFT study of structural, electronic, mechanical, phonon, thermodynamic, and H2 storage properties of lead-free perovskite hydride $MgXH_3$ ($X=Cr, Fe, Mn$) (12/2023)

Ab initio insight into the physical properties of $MgXH_3$ ($X = Co, Cu, Ni$) lead-free perovskite for hydrogen storage application (10/2023)

LANGUAGES

Urdu

Native or Bilingual Proficiency

English

Professional Working Proficiency

Chinese

Limited Working Proficiency

INTERESTS

video Editing

Designing

Travelling