



Undergraduate mathematics student, enthusiastic to explore mathematics in different areas and apply mathematics to real word problems and teach mathematics .

EDUCATION

BS Mathematics Namal University,Mianwali

11/2021 - Present

Courses

- Linear Algebra
- Linear programming and Optimization
- Great Books

WORK EXPERIENCE

Teacher

MADINA-TUL-ILM SCHOOL-LAYYAH

09/2021 - 11/2021

Achievements/Tasks

- I worked as a mathematics teacher of grade one. Taught them basic concepts through worksheets and conducted quiz. It enhanced my communication, teaching and mentorship skills.

Content Creator (Mathematics worksheets) Tadbir institute

02/2023 - 06/2023

Achievements/Tasks

- I worked as a content creator and designed curriculum for grade one to grade eight and gained efficiency in using Word ,explored tools for making graphs and enhanced creativity skills.

Home Tuition

Workplace/Company

Achievements/Tasks

- I am home tutoring two Pakistani students in United kingdom online, teaching them mathematics.

Volunteer work

Content writer in NAMAL IDEA CLUB (NIC)

HEAD OF STEAMS CLUB

Co-head of skill and development wing in
NAMAL SOCIETY FOR SOCIAL IMPACT (NSSI)

SKILLS

Teaching

Multi tasking

Teamwork

Time Management

Good Communication

Research Skills

PERSONAL PROJECTS

A study of Crystals Kyber and AI based attacks on
Crystals Kyber (10/2024 - Present)

- Currently doing my FYP on understanding Crystals Kyber which is a powerful algorithm against Quantum computers. This project delves into the mathematical aspect and AI attacks on Kyber.

Semester Project

- Implemented Euler method of Lie Symmetry Analysis using Maple to find 5 symmetries of a previously unsolved 2nd degree partial differential equation.
- Coordinated a three-month project on Ordinary Differential Equations (ODE) with a team of three, involving creative integration of mathematics and drama. Thoroughly studied an ODE model, translating complex concepts into an engaging script where one team member played a mathematician, and another a common person.

CERTIFICATES

Participation certificate in "NUST Mathematical Olympiad"

Certificate of being a teacher from NSSI.