AQSA RAZZAQ

Residence permit: 3310148977188   **Nationality:** Pakistani

Date of birth: 24/08/2001   **Place of birth:** FAISALABAD (F031), Pakistan

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📍 **Home:** faisalabad DISTRICT FAISALABAD, 37700 FAISALABAD (Pakistan)

OBJECTIVE

My Goal

To apply advanced mathematical techniques to analyze and predict climate-related disasters, with a focus on floods, droughts, and extreme weather events. I aim to generate practical insights that can support sustainable strategies and enhance community resilience. My goal is to contribute innovative solutions that address real-world environmental challenges.

RESEARCH INTEREST

Modeling Climate-Induced Disasters through Mathematics

1. Applying mathematics to address climate-related challenges.
2. Developing models to predict floods, droughts, and extreme weather.
3. Using mathematical approaches to support sustainability and community resilience...

EDUCATION AND TRAINING

Bachelor's Degree in Mathematics

[10/10/2019 – 16/08/2023]

City: Faisalabad | **Website:** https://gcuf.edu.pk/ | **Field(s) of study:** Natural sciences, mathematics and statistics:
● Mathematics | **Final grade:** 3.56/4

HSSC/FSC pre-Enginering

Govt associate college [07/08/2017 – 10/08/2019]

SSC

Govt Girls higher secondary school [14/03/2015 – 10/08/2017]

WORK EXPERIENCE

🏢 *journey online* – FAISALABAD (F031), Pakistan

City: FAISALABAD (F031) | **Country:** Pakistan

Web developers

[09/07/2024 – 16/10/2023]

• Designed and developed responsive websites using HTML, CSS, and JavaScript.
• Collaborated with team members to implement user-friendly web interfaces.
• Optimized website performance and ensured cross-browser compatibility.
• Assisted in debugging and resolving technical issues to maintain smooth functionality.
• Participated in client meetings to understand requirements and deliver tailored solutions.

🏢 *Alfalah Grammer Higher Secondary School* – FAISALABAD , Pakistan

City: FAISALABAD | **Country:** Pakistan

Middle school teacher

[02/02/2025 – Current]

- Taught mathematics to students using real-life examples to make concepts easier to understand.
- Developed problem-solving skills in students by connecting math topics to daily life situations.
- Prepared lesson plans, exercises, and assessments to track student progress.
- Encouraged analytical thinking and practical application of mathematical concepts.

PROJECTS

Numerical Analysis Project – Bachelor of Science in Mathematics
Conducted a project on solving complex mathematical problems using **Numerical Analysis techniques**.
Implemented algorithms and calculations in **Mathematica** to analyze and visualize results effectively.
Applied mathematical modeling to solve real-world problems and improve computational efficiency.
Developed strong analytical and problem-solving skills through hands-on application of numerical methods

core subject

- Numerical Analysis – for solving complex real-world problems
- Differential Equations – for modeling dynamic systems
- Probability and Statistics – for analyzing uncertain events and disasters
- Linear Algebra – for mathematical modeling and computations
- Discrete Mathematics – for logical problem-solving and algorithms
- Real Analysis – for understanding advanced mathematical concepts

SKILLS

MIcrosoft word / web developer / javascript / python / Mathematica / Project Management / Teaching & Communication

NETWORKS AND MEMBERSHIPS

Memberships, Awards & Extracurricular Activities
Member of **Mathematical Society of Pakistan**
Recognized for excellence in mathematics projects during B.S
Awarded **Best teacher in Mathematics** at Alfalah Grammar Higher Secondary School
Conducted workshops and tutoring sessions for students
Attended **Mathematics Teaching Workshops** as a teacher
Participated in seminars on climate change, data analysis, and Afaq education
Volunteered in initiatives promoting Afaq education among youth

CERTIFICATE

Certification

Python for Data Science – Softicera Institute

Web Development Fundamentals (HTML, CSS, JavaScript) – Softicera Institute

Digital Skills – Pakistan Freelancing Institute

Microsoft Word Certificate – Alfalah Grammar Higher Secondary School

Afaq Teaching Workshops – Attended workshops on practical teaching methods for mathematics

Climate Change & Data Analysis Seminar – Participated in professional seminar to enhance knowledge on climate-related research

LANGUAGE SKILLS

Mother tongue(s): Urdu

Other language(s):

English

LISTENING C1 **READING** C1 **WRITING** C1

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

INTERPERSONAL SKILLS

interpersonal skills

- Strong **communication skills** – able to explain complex mathematical concepts clearly.
- **Teamwork** – collaborated effectively in teaching, research, and web development projects.
- **Problem-solving** – approach challenges analytically and creatively.
- **Leadership** – conducted workshops and guided students in practical learning activities.
- **Adaptability** – quick to learn new tools, technologies, and teaching methods.

RECOMMENDATIONS

Name: Mrs.Shazia | Associate professor
Aqsa Razzaq is a highly dedicated and hardworking student with strong analytical and problem-solving skills. She has excellent capacity to handle academic and practical tasks efficiently and effectively.
She communicates complex concepts clearly and works well both independently and in collaborative environments.
I strongly recommend her for any academic or research opportunity, as she has the potential to excel in her chosen field.
Email: abdullahhashmi96@gmail.com

Name: Mrs Arifa Sultana | Associate professor
-She communicates ideas clearly and collaborates well in both team and independent settings.
I confidently recommend her for any academic or research program, as she shows great potential to excel.
Email: ariftariq02@gmail.com