

SYEDA FIZZA RIZVI

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Analytical problem-solver with a strong mathematical foundation and the ability to quickly learn and apply new computational tools.

EDUCATION

Bachelor of Science in Mathematics, Applied Specialization + Minor in Computer Science
The University of Texas at Dallas, Richardson, TX
Academic Excellence Scholarship
Dean's List (Fall 2025)

Anticipated May 2028
GPA: 4.00

TECHNICAL INTERESTS

Artificial Intelligence, Machine Learning, Data Analysis, Mathematical Modeling

SKILLS

Programming: C++, Python (NumPy, Pandas, Matplotlib)
Leadership: Public Speaking; Event Management & Coordination; Bilingual Communication; Team Collaboration; Peer Mentorship; Social Media

RELEVANT COURSES

- Calculus I & II
- Programming Fundamentals
- Computer Science I
- Linear Algebra
- Principles of Microeconomics
- Introduction to Creative Writing

VOLUNTEER ACTIVITIES

STEM Curriculum Developer, Action & Reaction, Karachi, Pakistan; June 2023 – August 2023

- Developed structured, age-appropriate, hands-on STEM learning modules for underprivileged students, emphasizing logical reasoning and scientific thinking.
- Conducted interactive workshops at Kiran Foundation and Orange Tree Foundation.

Intern, Qaafiya Dictionary, Karachi, Pakistan; September 2023 – October 2023

- Assisted in bilingual data organization and linguistic accuracy in Urdu-English lexicon research.
- Strengthened attention to detail and structured language analysis relevant to NLP applications.

LEADERSHIP & ACTIVITIES

Frere Prefect, Student Leadership Council, Karachi Grammar School; May 2023 – June 2024

- Represented student concerns and supported peer community-building.
- Organized assemblies and school events, encouraging increased student participation.
- Led a 54-person March-Past contingent.

Logistics Council Member, Eastern Music Society, Karachi Grammar School; September 2023 – June 2024

- Coordinated inter-house performances and competitions.
- Assisted in planning and running events for large school audiences.

Student Manager, Raziuddin Shaikh Debating Championship; November 2023

- Managed registration, scheduling, room assignments, and scoring logistics for 60+ participating teams nationwide.

Cultural & Literary Performer (Ongoing)

- Recite Urdu poetry (Noha, Manqabat, Marsiya, and spoken word) at community and school cultural events.
- Performed Shikwa by Allama Iqbal at Sham-e-Rang-o-Saqafat and participated in multiple annual Milads and cultural showcases.

STEM Olympiads & Declamation Competitions January 2019 – December 2023

- Participated in national-level STEM Olympiads and bilingual declamation contests, demonstrating analytical reasoning and strong spoken communication.