SHREYA MALHOTRA
Aspiring Biomedical Engineer

Dallas, Texas

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OBJECTIVE

Motivated and community-driven student with a passion for leadership, public service, and educational equity. Dedicated to fostering inclusive environments, empowering peers through mentorship and collaboration, and driving meaningful change through advocacy and action. Eager to apply these values in dynamic settings to address real-world challenges and inspire collective growth.

LEADERSHIP & SERVICE EXPERIENCE

Co-Founder and President, Sparks Robotics

- Founded a robotics club at school despite lack of initial funding or resources.
- Led outreach, recruited members, and organized fundraising efforts that raised $550.
- Created STEM learning opportunities and promoted equity in education.
- Fostered teamwork and leadership among members through student-led workshops.

Independent Study and Mentorship (ISM)

Memorial High School

- Selected for a competitive research program with focus on biomedical engineering.
- Mentored by industry leader Parmita Mishra (CEO of Precigenetics).
- Conducted interviews, research assessments, and developed professional skills such as networking and public speaking.

Inspirit AI Scholars Program

- Explored ethical applications of AI with global peers.
- Co-developed an ML model to analyze stock market trends.
- Strengthened critical thinking and teamwork.

VOLUNTEER

Skills Developed:

- **Problem-Solving: Addressing challenges** and guiding participants.
- **Communication:** Explaining concepts and **engaging diverse audiences.**
- **Leadership:** Leading events and managing activities.
- **Adaptability:** Flexibly working in **diverse settings** and with **underserved communities**

Organizational Experience: JEI Learning Center, Learn To Be, Voice of Calling, Future of Tanzania, Lexington Ganesh Festival

EDUCATION

Memorial High School   Class Of 2026
GPA: 3.9060

- ❖ **Orchestra**
  - **Cellist** in **Philharmonic Orchestra**
  - **UIL Solo & Ensemble:** Rank 2

Collin Community College

- **Earned 15 college credit hours**
- **Working** towards an **Associate of Science degree**

ACADEMIC & ENRICHMENT PROGRAMS

Lab Shadowing – PurePath Lab & Therapeutics

- Assisted with diagnostic testing, including PCR and RNA/DNA extraction.
- Gained firsthand experience in a professional lab environment.

UT Austin Computer Science Academy for Robotics

- Collaborated on robotics projects and built communication and problem-solving skills in a rigorous academic setting.