

Sanaya Aswani

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EDUCATION AND CERTIFICATES

- Collin College | Texas Engineering Academy Student — Texas A&M University Pathway 2026–Present
- IB World School at Plano East Senior High School | Plano, TX May 2026
- Microsoft Office Specialist certified May 2025
- Certified Entry-Level Python Programmer (PCEP) June 2024

TECHNICAL SKILLS

Python | Java | Microsoft Office | Natural Language Processing | Data Structures and Algorithms

TECHNICAL EXPERIENCE / PROJECTS

- UTD CS Summer Internship** | Richardson, TX Summer 2025
NLP Research Lab
Applied Python and NLTK to Natural Language Processing projects in a research environment. Developed algorithmic thinking and debugging skills through Data Structures & Algorithms exercises and peer review. Applied AI concepts to research-driven problems and collaborated with other students.
- Python Stock Analysis Dashboard - Project**
Built a Python-based dashboard to analyze stock data and display financial trends. Used pandas and data-analysis techniques to process and visualize market data.
- Java Recipe & Invoice Manager - Project**
Developed a Java application to manage recipes and generate customer invoices. Implemented object-oriented programming concepts and user interaction.

WORK EXPERIENCE

- Emler Swim School | Lead Swim Instructor** March 2026 – Present
 - Teach children and adults swimming skills in a structured and supportive environment.
 - Instruct students on water safety, swimming techniques, and confidence in the water.
 - Adapt lessons to accommodate different ages, skill levels, and learning styles.
 - Communicate clearly with students and families regarding progress, goals, and areas for improvement..

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

- New Century Hospice** | Plano, TX February 2024- Present
Visit hospice patients in their homes to provide companionship and supportive presence. Read to patients, spend time with them, and provide supervision and social interaction. Assist with organization and maintenance of medical records in a healthcare setting. Develop experience in data handling, organization, attention to detail, and professionalism
- Dallas Asian American Youth Orchestra (DAAYO)** | Dallas, TX August 2022 – August 2026
Concertmaster & Violinist
Led the first violin section in both rehearsals and performances, supporting musical cohesion and technical alignment across the ensemble. Assisted with bowing coordination, section leadership, and musical interpretation in collaboration with the conductor. Developed strong skills in communication, precision, and ensemble performance.

AWARDS

- Varsity Speech & Debate** – Plano TX
Recognized for sustained competitive excellence in speech and interpretation events across district, regional, and state levels.
 - TFA State Semi-Finalist in Dramatic Interpretation (Top 16 of 100+ competitors)
 - UIL District 2nd Place and Regional 3rd Place in Prose Interpretation
 - Multiple Top 3/Top 5 finishes in regional/state competition
- Gold President's Volunteer Service Award** (100+ hours) Community service at Perot Museum of Nature and Science and leadership in STEM outreach
- Plano ISD Superintendents Scholar Award**
 - Recognizes students who excel in reading and math and met their On Track for College, Career, and Military Readiness (CCMR) metrics in Plano ISD