

Harshil Goyal

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EDUCATION

Rock Hill High School, Frisco, TX *Weighted GPA: 5.413/6 Unweighted GPA: 3.982/4 Rank: 11/569 May 2026* Relevant Coursework: AP Computer Science Principles, AP Computer Science A, AP Chemistry, AP Pre-Calc, AP Seminar, AP Research, AP Biology, AP Calc BC, AP Physics 1, 2 & C, Computer Science 3, Computer Science 1, AWS Cloud Computing

Collin College, Collin, TX May 2026

EXPERIENCE

Anant LLC - Software Engineer Intern, Dallas, TX April 2025 - Current • Used Microsoft Clarity to enable tracking on our website, giving insights to the marketing team about customer outreach • Collaborated with 2 other SWE interns to build the front-end of anant-llc.com using React, enhancing UI and responsiveness • Deployed the website using AWS Amplify, optimizing content delivery for speed, scalability, and global reach

Visual Technology - Software Engineer Intern, Dallas, TX June 2024 - August 2024 • Developed a Python algorithm to sort resumes based on employer preferences, improving efficiency in the hiring process • Managed a team of 2 developers to build a reminder email platform, leveraging JavaScript and the Google Calendar API • Built a rapid interview system using Google Forms, API, and React; reducing overall time consumption by 15%

Girls In STEM - Marketing Intern, Dallas, TX March 2024 - Current • Researched content ideas and designed Instagram posts using Canva to support the organization's outreach efforts • Regularly pitched ideas during meetings to improve team efficiency and streamline marketing processes • Helped expand outreach by forming partnerships with other student groups and related organizations

Research Paper - AP Research, Dallas, TX August 2024 - Current • Conducted research to write an academic research paper on the [Portrayal of Women in STEM via Bollywood Cinema](#). Currently in the process of publishing.

COMPETITIONS

NASA Hunch - Lunar Launcher December 2024 • Designed a robot that takes pictures of the moon and a self-ejecting mechanism, reducing NASA robot costs by ~30x • Using **SLAM** and **encoders** to do localization to develop a prototype for NASA; made it to the 3rd round of judging

Recycle & Grow - Hackathon May 2023 • Developed a game in **Python & Graphics** to raise awareness for Recycling (pitched to over 100+ people) • Used an array of images to filter through and pick random objects to display, and used the turtle to do the animations

Telephone - Hackathon September 2023 • Created a quizlet-like game using **JavaScript** to help aid people with Dyslexia (200+ Views) | (1st place) • Used **event listeners** to determine which feature should help the user with Dyslexia

Code Quest - March 2024 • Competed at the Lockheed Martin annual code quest | Ranked 15th in my division

LEADERSHIP & COMMUNITY INVOLVEMENT

Computer Science UIL, UIL Lead, September 2023 - Current • Competed for 2 years and also helped teach over 30 competitors the basic concepts of Java.

Technology Student Association, Historian Lead, September 2023 - Current President • Student-led organization that allows students to compete in TSA, similar to DECA

- Competed in the TSA and **placed 9th** in the Technology Problem Solving event
- Manage all social media for them, as well as advertising the club to get as many members as possible
- Helping reestablish the club at the school and help it run more effectively than last year, creating new bylaws
- Already helped gain around 150 more students from last year

Prosper Solar Car, Telemetry/Business Lead, August 2023 - Current • Collected metrics (Voltage, RPM, Battery Power, and more) for Solar Car through **CAN Bus**

- Coded **Arduino** (Hardware Component) with **Arduino IDE** to receive and process the information it gets from CAN Bus • Coded **Raspberry Pi** to transmit real-time data from the car to our computer over a hotspot from our phones • Placed 4th nationally in the American Solar Car Challenge in the Advanced Classic Division
- Placed 2nd nationally in the American Solar Car Challenge in the Cruiser Division

Hindu Student Leadership, Pr Manager & Current Co-President September 2023 - Current • Found collaborators and funding opportunities while growing the organization's social media following by over 100 people • Managed and updated all social media accounts to promote events and boost community engagement • Organized and promoted cultural events like Holi and Diwali, increasing attendance and engagement

College Board Ambassador:

- Promote college opportunities to my peers through my social media platforms and various other marketing tactics.

HONORS AND AWARDS

- Top Ten at TSA - Technology Student Association February 2025
- Certificate of Excellence in AP Computer Science A - Christopher Roberson, May 2024
- National Rural and Small Town Recognition Award -College Board, May 2024
- AP Scholar Award - College Board, May 2024
- Hackathon Best out of Calgary award - CTRL Hacks, October 2023
- Certificate of Excellence in Computer Science 3 - Omar Chiekh-Ali, May 2025
- National Recognition of Small Town Rural Award - College Board May 2025
- 4th place in the Advanced Classic Division - American Solar Car Challenge July 2024
- 2nd place in the Cruiser Division - American Solar Car Challenge July 2025
- National Top School recognition award - College Board, August 2025

SKILLS

Technical Skills: **Languages:** Python, Java, C, JavaScript, HTML/CSS **Tools/Frameworks:** AWS, React, Google Forms API, Microsoft Clarity **Certifications:** *Python Level 1 - CodeHS, 05/2024, Java Level 1 - CodeHS, 05/2024, Girls Who Code Web Development, 08/1/2025.* **Skills:** *Leadership, Time Management, Problem Solving, etc.*

Volunteer: 100+ hours at the Islamic food pantry in DFW and 40+ hours at Camp Invention, and local school opportunities