

Sam Habib

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EDUCATION

University of Colorado Boulder – College of Engineering and Applied Science

May 2028

Bachelor of Science in Mechanical Engineering

GPA: 3.89

- **Awards:** Evans Scholarship, SOLIDWORKS Design Associate (CSWA)
- **Relevant Courses:** Computer-Aided Design and Fabrication, Freshman Engineering Projects, Introduction to Computer Engineering, Experimental Physics

Denver School of Science and Technology: Cedar – Denver, CO

Spring 2024

- **Awards:** DSST Certificate of Integrated Computer Science and Engineering, Seal of Biliteracy

EXPERIENCE

Lakewood Country Club, Lakewood, CO

May 2021-Present

Caddie

- Provide golf course support, including carrying equipment for patrons of the club, advising on general play, and assisting in special events.
- Received the Evans Scholarship through a highly competitive process recognizing strong character, community involvement, and commitment to education.
- Demonstrated professionalism, reliability, and customer service in a fast-paced, outdoor environment.

PROJECTS

Thermoelectric Converter, First Year Projects Class

Spring 2025

Awards: First in Section - GEEN Project Showcase 2025, Second Overall: \$500 prize - CU Sustainability Showcase

- Primarily focused on technical fabrication and rapid prototyping, specifically CAD and 3D printing, to improve upon iterations of the design.
- Developed teamwork by collaborating with a team of five to design, assemble, and test a functional prototype.
- Presented our final design in front of peers and judges, winning multiple awards focused on technical and overall design.

Formula SAE Racecar Cooling System, CU Boulder Formula SAE Team

Fall 2024

- Collaborated with four other CU students to test the overall efficiency and theoretical capabilities under dynamic conditions.
- Utilized Python alongside an Emerson Micro Motion flow meter to optimize the cooling system in race environments.
- Analyzed performance data to evaluate efficiency, identify trends, and support engineering decisions for system tuning.

LEADERSHIP

DSST: Cedar Boys Volleyball Team, Denver, CO

Spring 2024

Varsity Team Captain

- Motivated teammates during practices and games, striving to improve performance and team cohesion.
- Modeled professionalism and discipline, setting the standard for team conduct and performance, especially for newer players.

Metro Caring Anti-Hunger Organization, Denver, CO

Fall 2024-Spring 2024

Volunteer

- Participated in general labor to increase efficiency of day-to-day operations, ensuring more effective community outreach.
- Provided customer service by assisting community members with food distribution and record handling.

SKILLS

- Modeling: SolidWorks (75+ hours)
- Programming: MATLAB, Basic Excel, EES, Python (30+ hours), LabView (25+ hours)
- Fabrication: Machining and Woodworking
- Languages: English, Basic Spanish

ADDITIONAL INFORMATION

- Special Interests: Automotive Racing, CU Boulder Freeski Team, Bonsai
- Favorite Movies: Secret Life of Walter Mitty, The Big Lebowski, Paris Texas
- Favorite Musicians: America, Ms. Lauryn Hill, J. Cole