

Jasmitha Gourabathini

720-837-4844 | jago@colorado.edu | www.linkedin.com/in/jasmitha-gourabathini-7b0935216

EDUCATION:

University of Colorado at Boulder <i>B.S. in Computer Science with Honors</i> <i>Planning on Minoring in Computational Biology, Business, and Leadership</i>	Expected Graduation Date: May 2028 GPA: 4.0
<i>President's Leadership Class</i>	

- Relevant Coursework: Data Structures, Calculus 2, Physics 1, Discrete Math

President's Leadership Class

- Engaged in rigorous academic training in leadership while fostering connections with local communities.

SKILLS AND INTERESTS:

Technical: C++, Python, JavaScript, Java, Microsoft CRM systems, VSCode, GitHub, SQL, Swift, Swift UI,

Language: Fluent in English, Telugu (conversational), Proficient in Spanish.

Interests: Increasing accessibility, equity, and awareness of healthcare for marginalized populations through technology

WORK EXPERIENCE:

Correll Lab <i>Research Assistant</i>	January 2025 to Present <i>Boulder, Colorado</i>
<ul style="list-style-type: none">• Researching robotic grasping of delicate objects in uncertain environments using tactile sensors to enhance precision and adaptability.	
Project Cure <i>Data Cleaning Volunteer</i>	June 2024 to August 2024 <i>Centennial, Colorado</i>
<ul style="list-style-type: none">• Leveraged Microsoft Dynamics CRM to validate monetary donations, analyze duplicate records, generate reports, ensure data integrity, improve system efficiency and reduce costs for unnecessary promotions.	

Rock Canyon High School Biotechnology Lab

<i>Researcher</i>	August 2022 to June 2024 <i>Highlands Ranch, CO</i>
<ul style="list-style-type: none">• Independently mastered working with new model organisms and operating advanced equipment. Designed specialized lab procedures and trained four junior researchers to ensure seamless integration into workflows.• Publication: L Theanine's Effects in Preventing Axonal Damage in Traumatic Brain Injury Induced <i>Caenorhabditis elegans</i>. Research in Biotechnology – Rock Canyon High School (Volume 7) - June 10, 2023	

LEADERSHIP AND ACTIVITIES:

CU Women In Computing <i>Treasurer</i>	February 2025 to Present <i>Boulder, CO</i>
<ul style="list-style-type: none">• Developing financial management and cross-board communication skills to advocate for women in computer science by fostering pride, awareness, and community.	
Kode with Klossy <i>Mobile App Development Scholar (2024)</i>	Summer 2023 and Summer 2024 <i>Virtual</i>
<ul style="list-style-type: none">• Developed an iOS fitness app to promote fitness accessibility and women's health based on menstrual cycles.	
<i>Data Science Scholar (2023)</i>	<i>Virtual</i>
<ul style="list-style-type: none">• Used Python and Google Colab to clean, analyze, and present data on education inaccessibility for women in Afghanistan to the Kode with Klossy community, collaborating virtually with a team of three international peers.	
CU Anschutz Pre Health-Scholars Program <i>Scholar</i>	December 2020 to May 2024 <i>Aurora, CO</i>
<ul style="list-style-type: none">• Studied challenges in biases, cultural factors, and health equity in the U.S and fostered meaningful discussions.• Engineered a user-centered pulse oximeter using design, sewing, hardware circuits, and Arduino	

Technology Student Association

<i>State Conference Committee Co-Head</i>	November 2021 to May 2024 <i>Denver, CO</i>
<ul style="list-style-type: none">• Led a team to create and manage a website for the 2024 TSA Colorado State Conference, streamlining semifinal signups, information distribution, and prompt postings for effective communication.	

Community Service State Committee

<i>Denver, CO</i>
<ul style="list-style-type: none">• Organized a statewide community service project across 52 Colorado TSA chapters for the 2023 conference.• Donated 115 blankets and 500+ letters to Children's Hospital in Aurora, CO. Collected 111.45 lbs of soda tabs for the Ronald McDonald House. Raised \$105 for the American Cancer Society.

AWARDS

Technology Student Association (State Conferences)

October 2021 to May 2024

1st Place Webmaster (2024)

- Created a website using HTML, CSS, and Javascript to promote more green living lifestyles for homeowners.

1st Place Biotechnology (2023)

- Developed a model and solution of how to bring food to outer Space for astronauts. Presented our solution and model at state and qualified for nationals

Additional Awards (State Conferences)

- Fashion Design and Technology (1st and 3rd), Promotional Design (3rd), Prepared Speaking (3rd)