

# Jasmitha Gourabathini

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

## EDUCATION:

### University of Colorado at Boulder

*B.S. in Computer Science with Honors*

Expected Graduation Date: May 2028

GPA: 4.0

*Planning on Minor in Computational Biology, Business, and Leadership*

- 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

*Research Assistant*

January 2025 to Present

*Boulder, Colorado*

- Researching robotic grasping of delicate objects in uncertain environments using tactile sensors to enhance precision and adaptability.

### Project Cure

*Data Cleaning Volunteer*

June 2024 to August 2024

*Centennial, Colorado*

- 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

*Researcher*

August 2022 to June 2024

*Highlands Ranch, CO*

- 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 Caenorhabditis elegans. Research in Biotechnology – Rock Canyon High School (Volume 7) - June 10, 2023

## LEADERSHIP AND ACTIVITIES:

### CU Women In Computing

*Treasurer*

February 2025 to Present

*Boulder, CO*

- Developing financial management and cross-board communication skills to advocate for women in computer science by fostering pride, awareness, and community.

### Code with Klossy

*Mobile App Development Scholar (2024)*

Summer 2023 and Summer 2024

*Virtual*

- Developed an iOS fitness app to promote fitness accessibility and women's health based on menstrual cycles.

*Data Science Scholar (2023)*

*Virtual*

- Used Python and Google Colab to clean, analyze, and present data on education inaccessibility for women in Afghanistan to the Code with Klossy community, collaborating virtually with a team of three international peers.

### CU Anschutz Pre Health-Scholars Program

*Scholar*

December 2020 to May 2024

*Aurora, CO*

- 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

*State Conference Committee Co-Head*

November 2021 to May 2024

*Denver, CO*

- 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*

*Denver, CO*

- 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

#### *1<sup>st</sup> Place Webmaster (2024)*

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

#### *1<sup>st</sup> 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 (1<sup>st</sup> and 3<sup>rd</sup>), Promotional Design (3<sup>rd</sup>), Prepared Speaking (3<sup>rd</sup>)