

# Saanika Fadia

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<https://github.com/supersonik12>

## EDUCATION

**University of Colorado**, Boulder, CO

Expected May 2027

Bachelor of Science in Computer Science

Minor in Linguistics

Engineering Honors Program

GPA: 4.0

**North Creek High School**, Bothell, WA

June 2024

Awards: National Merit Scholar, President's Volunteer Service Award

GPA: 4.0

**Relevant coursework:** Computer Systems, Data Structures, Database Systems, Intermediate Data Programming, Object-Oriented Analysis and Design, Software Development Tools and Methods

## EXPERIENCE

**Undergraduate Research Assistant**

September 2024 - Present

**CDH Team Lead**

Starting January 2026

SWARM-EX CubeSat Project, CU Boulder

- Implement software as part of the Command and Data Handling team
- Configure ground software and develop embedded flight software
- Familiar with cleanroom procedures

**Undergraduate Researcher**

May 2025 - Present

Genetic Logic Lab, University of Colorado Boulder

- Contribute to SynBioSuite, a cloud-based platform to automate genetic circuit design workflows
- Develop and implement API to streamline data transfer
- Test new features and write automated unit tests

**IT Help Desk and A/V Student Technician**

March 2025 - June 2025

Leeds School of Business, CU Boulder

- Provided IT technical support to students, faculty, and staff
- Troubleshooted and resolved hardware, software and network issues
- Responded to helpdesk tickets and support requests

## SKILLS

- Proficient in C/C++, Python, and Java
- Experienced with Git and Github
- Effective communication and writing skills
- Excellent debugging skills