

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

Minors in Computational Biology, 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: Data Structures, Discrete Structures, Advanced Java Programming Topics, Intermediate Data Programming

EXPERIENCE

Teacher's Assistant

October 2024 - Present

CU Science Discovery

- Support STEM learning for K-8th grade students at one-day camps

AP Computer Science A Mentor

September 2023 - January 2024

North Creek High School

- Tutored high school students in fundamental computer science concepts

ACTIVITIES

Undergraduate Research Assistant

September 2024 - Present

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 and satellite communications

SKILLS

- Proficient in C++, Python, and Java
- Experience with Git and Github
- Object-oriented programming and design
- Effective communication and writing skills
- Adaptable and quick learner