

# NATHAN JENSEN

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## Education

### Colorado School of Mines

August 2022 – December 2025

Bachelor's of Science in Computer Science

GPA: 3.9

- McBride Honors Program
- Thorson First Year Honors Experience
- National Merit Scholarship

## Skills and Certifications

### Current Secret Clearance

**Languages:** Python, Java, C++, JS

**Skills:** Agile Methodologies, SAFe

**Certifications:** Oracle Java Foundations, Oracle Database Foundations

## Work Experience

### Northrop Grumman

June 2023 – Aug. 2023

Software Engineering Intern

Colorado Springs, CO

- \* Worked on an Agile Scrum team on US government radar systems sustainment contract.
- \* Improved test coverage to 100% on several modules and developed tools for supporting test team.

### CBC Companies

July 2020 – December 2022

Programmer Intern

Remote

- \* Enhanced and debugged frontend of internal-use web application (VIE).
- \* Worked with another developer to upgrade from older AngularJS based code to more modern techniques in the Angular framework.
- \* Debugged backend of internal-use web application (VIE).

### Eclipses

June 2020 – July 2020

Programmer Intern

Remote

- \* Prototyped web application to demonstrate tokenization security technology

## Research Experience

### Mines Prevasive Computing Research Group

Sept 2023 – Present

Research Assistant

Golden, CO

- \* Analyzed encoding techniques for delegating image recognition tasks from drones to edge computing devices.

## Volunteering

### Unum Guatemala

July 2021

Volunteer

Guatemala

- \* Organized and ran a summer program for youth in education facility; helped construct drainage systems.
- \* Distributed water filtration systems to surrounding community.
- \* Facilitated a mentorship program in collaboration with ACM-W to connect underclassmen with upperclassmen

### West Side Community Center

2010 – 2021

Volunteer

Colorado Springs, CO

- \* Volunteered at annual Thanksgiving and Christmas events.
- \* Ran Eagle Scout project (see Involvement).

## Involvement

### L'Space

September 2022 – December 2022

Participant

Remote

- \* Nasa Proposal Writing and Evaluation Experience: a class on how to write proposals with NASA.

### Robotics

2018 – 2022

Programming Department Co-Leader

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- \* Competed in battlebots in Mines robotics team.
- \* Co-led the programming department of high school FRC Team.

### Scouting

2014-2020

Eagle Scout

Colorado Springs, CO

- \* Led a patrol for approximately 3 years; assisted several scouts in advancing to First Class rank.
- \* Eagle Scout Project – Planned and led project to repaint room in the West Side Community Center