

NATHAN JENSEN

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Education

Colorado School of Mines

August 2022 – December 2025

Bachelor's of Science in Computer Science (Computer Engineering Track)

GPA: 3.9

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

Skills and Certifications

Current Secret Clearance

Languages & Skills: Python, C/C++, Agile Methodologies

Secondary Languages & Skills: JavaScript, Java, RHEL, Vim

Certifications: Oracle Java Foundations, Oracle Database Foundations

Work Experience

ARKA

May 2024 – Present

Software Intern

Colorado Springs, CO

- Created and maintained several different satellite communications applications for customers
- Assisted with the transition to IPV6 for the internal framework

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
- 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

Eclipses

June 2020 – July 2020

Programmer Intern

Remote

- Prototyped web application to demonstrate tokenization security technology

Research Experience

Mines Pervasive Computing Research Group

Sept 2023 – Dec 2023

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

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

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