Nathan Jensen

✉ nath.h.jensen@gmail.com 📞 (719) 600-7414
🔗 https://www.linkedin.com/in/n-h-jensen/   https://github.com/Mathlete-101

Education

Colorado School of Mines   **August 2022 – May 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

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 – September 2024**
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

Eclypses   **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

Projects

NASA Lunabotics   **September 2024 – Present**

- Helped develop and clarify project plan and requirements in 12 person team according to NASA standards
- Improving software architecture from previous team
- Developing computer vision and navigation systems

L'Space   **September 2022 – December 2022**

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