

Nicholas Cregan

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Education

Expected Bachelor of Arts

Colorado School of Mines CO

Major: Computer Science **Minor:** Business

Honors and Awards: Colorado School of Mines Dean's list – 2020, 2021

May 2024

GPA 3.75

Skills/Attributes

Software Experience

- Java – *Advanced*
- C++ – *Advanced*
- SolidWorks – *Intermediate*
- HTML – *Intermediate*
- Python – *Intermediate*
- CSS- *Intermediate*
- GitHub & Git – *Advanced*
- RISC-V – *Advanced*
- Excel – *Intermediate*
- Blender – *Beginner*
- Linux – *Intermediate*
- Bash & Scripting – *Intermediate*

Security Clearance

- SECRET – United States Government: Granted June 2022. Expires June 2032

Experience

Software Engineering Intern

April 2022 - July 2022

Davidson Technologies – Missile Defense Agency, Colorado Springs, CO

- Learned from members of all teams under the government contract
- Worked with cybersecurity team to clear and integrate software as well as the use of scripting to increase overall efficiency
- Gained experience within the Software Engineering industry

Crew Leader

April 2020 - August 2021

Blade to Blade, Colorado Springs, CO

- Managed a crew of men for multiple jobs in a day. Jobs included landscaping and construction
- Planned, bought materials for, and executed a job, or jobs in a timely manner
- Ordered parts and equipment when necessary

Cashier/Checker - Software Manager

April 2019 - May 2020

Eisenhower Golf Course, USAFA, CO

- Managed the register software used in kitchen, pro shop, and bar
- Built customer relations and assisted in money management in the kitchen, pro shop, and bar

Relevant Coursework

CSCI – 306 – Software Engineering

Fall 2019

- Gained knowledge of object-oriented analysis, design, and implementation. Developed skills in collaborative team software development processes using the agile development process and other tools such as GitHub.
- Working with a team of two to develop a game using object-oriented programming in Java over the course of the semester. Gained valuable experience working with a team to develop elegant, working software.

CSCI – 262 – Data Structures

Fall 2020

- Learned to improve memory usage with use of data structures and algorithms in C++.
- Gained knowledge on how memory is implemented in the compiler and the use of assembly language to make code efficient and readable.

Campus Involvement

Colorado School of Mines – Beta Theta Pi Fraternity Member

January 2020 - Present

- Recorder – Member of the executive board. Help make decisions for the entire Fraternity.

Colorado School of Mines – Club Baseball Team Member

August 2021 – January 2022

- Gained time management skills by balancing 20 hour practice weeks and two games each Saturday