

Cole Cerull

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SUMMARY

Motivated computer science graduate with hands-on experience in software development, cybersecurity, and manufacturing. Proficient in Python, C++, and SQL, with a proven track record of autonomous project completion and problem-solving. Excellent communicator with a strong team spirit, eager to contribute to innovative tech solutions..

EDUCATION

University of Colorado Boulder

Graduated May. 2024

B.A. in Computer Science, GPA: 3.1

Boulder, CO

Minor: Geography

Relevant Coursework: Data Structures, Algorithms, Cybersecurity, Computer Systems, Database Management

WORK EXPERIENCE

LucaSteel Welding & Fabrication

Jan. 2024 - Present

Welder

Wheat Ridge, CO

- Completed projects autonomously with a high level of detail, ensuring quality and precision.
- Solve problems when completing new projects.

University of Colorado Boulder

Sep. 2022 - Dec. 2022

Lab Assistant

Boulder, CO

- Assisted in a GIS mapping lab, helping students complete projects using ArcGIS Pro.
- Provided technical support and troubleshooting for lab equipment and software.

Boost Dynamic Tuning

May. 2020 - Aug. 2020

Intern

Saginaw, MI

- Reprogrammed engine control units and facilitated their sale and distribution to customers.
- Assisted customers with technical troubleshooting.

Hotel Boulderado

Jun. 2022 – Dec. 2022

Valet and Bellman

Boulder, CO

- Managed guest services in a fast-paced environment, ensuring prompt and courteous service.
- Multitasked effectively to meet diverse guest needs, maintaining a high standard of hospitality.

PROJECTS

Homelab - Linux Server

Oct. 2023

- Set up a Linux server to host media for network streaming and configured a DNS sinkhole for network-wide ad blocking.
- Utilized various cybersecurity tools to enhance network security and performance.

Weather Data Monitor

Feb. 2023

- Developed a Python-based program and user interface to monitor air quality and weather data using a Raspberry Pi.
- Implemented object-oriented programming principles to ensure code modularity and scalability.

SKILLS & INTERESTS

- Programming Languages** SQL, Python, C, C++, JavaScript, Java, html, CSS
- Cybersecurity Tool Proficiencies:** WireShark, Nmap, Burp Suite, Hashcat, Kali Linux