

# Carter Bassett

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## EDUCATION

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### UNIVERSITY OF COLORADO BOULDER

*Bachelor's of Science - Computer Science*

Expected May 2025

GPA: 3.55/4.00.

- Dean's List Fall 2021, Spring 2022, Spring 2023, Fall 2023.

## SKILLS

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- C/C++, Python, x86-64 Assembly, Cisco IOS, HTML/CSS, Javascript, Cassandra, MongoDB, SQL, Java.
- Git version control.
- Docker containerization.
- Microsoft Active Directory, Apple JAMF management.

## EXPERIENCE

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### RTX (RAYTHEON) BBN – INFORMATION TECHNOLOGIES, Columbia, MD

May – August 2024

*System Administrator/ Developer Intern*

- Created Python script automating network hardware hardening to meet compliance standards.

### UCB OIT – DEDICATED DESKTOP SUPPORT, Boulder, CO

July 2023 - Present

*DDS Lead Student Technician*

- Consistently ranked in top quartile of cases worked per week, despite working fewer hours.
- 98+ % ticket resolution rate, 100 % customer satisfaction.

## PROJECTS

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### SWITCH SETUP AUTOMATION TOOL

RTX BBN – Summer Intern Project

- Collaboratively developed program to automate process of hardening a Cisco networking devices to meet compliance requirements for secure areas, involving heavy use of pySerial library.
- 25% reduction in man-hours spent completing process.
- Python

### CYBER 9/12 D.C. 2024 SEMI-FINALIST

Team CIPHERD

- Competitive cyber-policy simulation wherein teams brief government entities and stakeholders on national and domestic cyber-threats and recommend courses of action.
- Collaboratively synthesized concise, thorough decision documents for judges.
- Provided oral presentations with supporting arguments and facts.

### SKIP LIST + HASH TABLE

CSCI 2270 – Data Structures

- Data structure that parses 2000+ lines of formatted CSV data using hashing. Data is then stored into a skiplist, allowing for quick indexing through the data set.
- C++