

Carter Bassett

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EDUCATION

UNIVERSITY OF COLORADO BOULDER

Expected May 2025

Bachelor's of Science - Computer Science

GPA: 3.57/4.00.

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

SKILLS

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

EXPERIENCE

UCB OIT – DEDICATED DESKTOP SUPPORT, Boulder, CO

July 2023 - Present

DDS Student Lead Technician

- Provide quick and effective help to users experiencing hardware and software issues on university-owned devices, including re-imaging, deploying, repairing, and updating devices.
- Consistently ranked in top quartile of cases worked per week, despite working fewer hours.
- 98+ % ticket resolution rate, 100 % customer satisfaction.

UCB LA PROGRAM, Boulder, CO

Aug 2022 – Dec 2023

Learning Assistant for CSCI 1300

- Co-taught 70+ students on weekly basis through office hours and recitations.
- Guided students completing classwork using carefully crafted questioning and responses.

PROJECTS

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

Team CIPHERD

- Competitive cyber-policy simulation wherein teams brief the White House's NSC on national threats, suggesting best courses of action.
- Collaboratively synthesized concise, thorough decision document for judges.
- Provided oral presentation with supporting arguments and facts.

RAY TRACER FROM SCRATCH

CSCI 3104 - Algorithms

- Creates images simulating visual properties of objects of various compositions when struck by light from varying sources, intensities, and directions.
- C++

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++