

Jackson Greer

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719 332 9567
Colorado Springs, CO

Education

University of Colorado Boulder

Bachelor of Science in Creative Technology and Design
Minor in Computer Science

Expected graduation: May 2024

CU Esteemed Baker Scholar

Engineering BOLD Diversity Scholar

3.93 Cumulative GPA

Studies in Computer Systems, Data Structures, Coding, Graphics, 3D Modelling, Electronics, and other related fields

Projects

Co-Game Designer

CU Boulder
Text Based Video Game
December 2021

Designed and debugged a text-based action role-playing video game using C++. This involved main functions as well as headers, classes, and secondary functions.

Implemented basic systems such as inventory, movement, levels, and difficulty progression

Data Structures

CU Boulder
Data Structures
May 2022

Designed and produced code for eight data structure-based challenges. This included binary search trees, linked lists, hash tables, stacks, queues, and more.

I also hand-coded basic data structures such as vectors, stacks, and queues before using their premade library versions.

Bomb and Attack Lab

CU Boulder
Computer Systems
October 2022

Designed and generated solutions for a series of x86-64 assembly code problems including reading and understanding machine code.

Utilized machine code hacking principles such as buffer overflow and gadget farms to understand program weaknesses and vulnerabilities.

Experience

Room Operator

ATLAS Equipment Room
Boulder, Colorado
September 2021 - Present

Manage a variety of cameras, microphones, and other related equipment to ensure an efficient and manageable checkout experience for students and staff of the ATLAS program

Scouts BSA

Pathway to the Rockies
Buffalo Mountain Lodge
2014 - Present

Eagle Scout
Order of the Arrow Vigil Honor Member

Served hundreds of hours as a youth mentor in the National Youth Leadership Training program

Camping Outfitter

Bass Pro Shops,
Colorado Springs, Colorado
Summer 2022

Communicated with customers and a team in an active work environment to create a pleasurable and informative shopping experience for guests

References

Arielle Hein

ATLAS CU Boulder
Supervisor and Professor
arielle@colorado.edu

Douglas Meikle

Scouts BSA Scoutmaster
MEIKLE05@msn.com
(719) 650-5465

Joe Currier

Bass Pro Shops
Assistant General Manager
jcurrier@basspro.com

Technical Skills

Programming

Proficient in

C+
HTML
CSS

Actively Studying

Python
C
JavaScript

Graphical

Adobe CC

Photoshop
Illustrator
Lightroom

Autodesk

Inventor
Fusion 360

CURA

Professional

Microsoft Office

Word
Powerpoint
Excel

LaTeX