



**JACKSON  
REER**

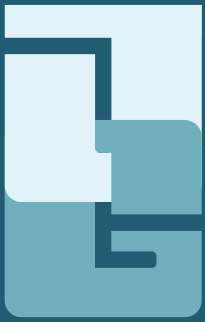
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*jagreer7.github.io*



Design Portfolio



JACKSON  
GREER

Greer.Jackson.T@gmail.com  
719 332 9567  
Boulder, CO

## Portfolio

### Design Proccess Blog

<https://ctdjacksonsdesigns.wordpress.com/>

### Portfolio

<https://jagreer7.github.io/>

### GitHub

<https://github.com/jagreer7>

### Linkedin

<https://www.linkedin.com/in/jackson-greer-40845021b/>

## Refrences

### 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

# Jackson Greer

## Education

University of Colorado Boulder

May 2024

Working Towards BS in Creative Technology and Design

Working Towards Minor in Computer Science

3.93 Cumulative GPA

CU Esteemed Baker Scholar

Engineering BOLD Diversity Scholar

Studies in Computer Systems, Data Structures, Form, Web, Object, Text, Image, Design Foundations

## 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.

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 Manager

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.

## Technical Skills

### Programming

C+  
HTML  
CSS  
Python  
C  
JavaScript

### Graphical

Photoshop  
Illustrator  
Lightroom  
Autodesk Inventor  
Autodesk Fusion 360  
CURA

### Professional

Word  
Powerpoint  
Excel  
LaTeX



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