

Carson Hellman

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COURSEWORK

Object-Oriented Programming
System & Security Administration
Discrete Mathematics
Database Processing
Operating Systems
Data Structures
Networks

SKILLS

C
C++
Python
Git
Unix
Linux
SQL

EDUCATION

University of Oregon
BS in Computer Science
June 2024
Cumulative GPA: 3.72

EXPERIENCE

University of Oregon
Learning Assistant

Sept 2022 – June 2024
Eugene, OR

- Hold office hours to help students with coursework
- Quickly interpret code that students bring to help them debug and solve problems for the following courses:
- Computer Science III: Unix, C, and Data Structures
- Computer Science II: Intro to Object-Oriented Programming
- Computer Science I: Intro to Python

PROJECTS

PySonic

Built a functioning code editor with a team using NodeJS and React, with the purpose of creating a simple and intuitive Python coding environment for BLV (Blind-Low-Vision) individuals to get started coding.

Graphics rasterizer in C

Created a functional graphics rasterizer from scratch that utilized the scanline algorithm, linear interpolation, and implemented phong shading.

User Space Process Scheduler

Implemented a program to initiate and schedule the workload of processes utilizing linux system calls and ADTs.

Monster Run

Worked with a team to make a game in Unity, making use of teamwork, planning, and a shared GitHub repository.