Carson Hellman

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SKILLS

C
C++
C#
Python
HTML
CSS
Git
Unix
Linux
SQL

COURSEWORK

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

EDUCATION

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

EXPERIENCE

University of Oregon   Sept 2022 – June 2024
Learning Assistant   Eugene, OR

- Held office hours to help students with coursework
- Quickly interpreted code that students brought 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.

Shut The Box
Recreated the popular board game using Unity/C#, and produced an IOS app.