Sean Morisoli

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EDUCATION

University of Pittsburgh   08/2023 – 04/2027
BS Computer Science, Minor in Music   Pittsburgh, PA
GPA: 3.75/4.0
Awards: Fall 2024 Dean's List, Spring 2024 Dean's List, Fall 2023 Dean's List
Coursework: Data Structures and Algorithms I and II, Discrete Structures, Intro to
Systems Software with C, Formal Methods in CS, Computer Organization and
Assembly, Intermediate Programming in Java, Big Ideas in Computing with
Python, Linear Algebra, Calc I
Organizations: Computer Science Club, Ski Club, Skate Club

PROJECTS

Personal Website (HTML/CSS/JavaScript) 🔗
- Developed a personal website to showcase my portfolio and skills.
- Implemented interactive features, ensured cross-browser compatibility, and optimized for performance and user experience.

Unreal Engine First Person Shooter Game (Blueprint) 🔗
- Developed a first-person shooter game in Unreal Engine 5 where players must locate and destroy targets within a time limit to win.
- Utilized Blueprint visual scripting to design game mechanics, User Interface elements, and asset integration.

Data-Driven Survival Metrics for Neighborhoods (Python, Pandas, GeoPandas) 🔗
- Accessed public datasets to calculate which Pittsburgh neighborhood is most likely to survive an apocalypse
- Set metrics and drew statistical conclusions using pandas and data visualization.

SKILLS

Languages
Java, Python, HTML/CSS/JavaScript, MIPS Assembly, C

Libraries
Pandas, GeoPandas, Matplotlib

Game Engines
Unreal Engine 5 with Blueprint

PROFESSIONAL EXPERIENCE

Food Server   04/2023 – 08/2024
Brickside Grille

Panera Bread Associate   04/2021 – 09/2021
Panera Bread

Busser   08/2020 – 04/2021
Anthony's Cucina Fresca