

Sean Morisoli

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EDUCATION

University of Pittsburgh

BS Computer Science, Minor in Music

GPA: 3.8/4.0

Awards: Spring 2025 Dean's List, 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

08/2023 – 04/2027

Pittsburgh, PA

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, VBA, SQL

Libraries

Pandas, GeoPandas, Matplotlib

Game Engines

Unreal Engine 5 with Blueprint

PROFESSIONAL EXPERIENCE

Software Simulator Engineer

Vistra

05/2025 – 08/2025

Beaver Valley, PA

Food Server

Brickside Grille

04/2023 – 08/2024

Exton, PA

Panera Bread Associate

Panera Bread

04/2021 – 09/2021

Exton, PA

Busser

Anthony's Cucina Fresca

08/2020 – 04/2021

Downingtown, PA