Taylor Ascarino

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EDUCATION

State University of New York at New Paltz   **New Paltz, NY**
Bachelor of Science in Computer Science

Expected May 2027

EXPERIENCE

Hudson Valley Dessert Co.   **Saugerties, NY**
Customer Service

September 2021 – PRESENT

- Perform minor food and drink preparation, package products, and manage sales and orders in person and through phone calls.

EXTRACURRICULAR

AWARENESS Inc.   **Online, Based in New Paltz**

March 2021 – PRESENT

- Designing and implementing a peer-facilitated self-help program for cognitive skill-building for youths with a focus on behavioral health and substance use.
- Meeting online weekly, working on WordPress to implement the framework in an easily understandable format.

PROJECTS

Memory Allocation Method Simulation

November 2025, In Progress

- Designed and implemented a Java program simulation of the First Fit, Best Fit, and Worst Fit memory allocation methods.
- Given data files containing process and free memory slot data, the program simulates the allocation of each process to a free memory slot using the First, Best, and Worst Fit methods.

Catering Company Website

May 2025 – PRESENT, In Progress

- Designing and creating a static website for a catering company, listing details about the caterer and possible menu arrangements, keeping user accessibility and aesthetics in mind to increase customer interest.

Puzzle Video Game Demo

August 2024 – December 2024

- Designed and built a light-reflection mechanic in a 2d video game made using Godot.
- In each level, the player controls a beam of light using a mouse, combining mouse movement with turning mirrors to reflect the light to an endpoint to advance.

TECHNICAL SKILLS

Languages: Java, C, GDScript, HTML, CSS, SQL
Tools & Frameworks: VSCode, Eclipse, Godot, MySQL
Operating Systems: Windows, Microsoft Office, Google Workspace