

Ashton Morrison

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Technical Skills

Languages	Tools	Frameworks
<ul style="list-style-type: none">• Java• C/C++/C#• Python• MATLAB• JavaScript	<ul style="list-style-type: none">• VS Code• Python IDLE• Git• GCC/GDB• ChatGPT	<ul style="list-style-type: none">• MonoGame• .NET• Valgrind• React

Projects

- **Image Editing Software (Java, VS Code)**
 - Developed a terminal-based image editing program that allows users to apply various transformations to an image through the command-line.
 - Implemented functionality for loading and saving images, gaining hands-on experience with Java's File I/O libraries.
 - Designed and implemented basic colour filters and image modifiers, acquiring knowledge into Java's Graphics libraries.
- **2D Dungeon Crawler (C#, VS Code & MonoGame)**
 - Helped develop a 2D Dungeon Crawler for the AWS Game Builder Challenge, contributing to both core gameplay mechanics and project structure.
 - Worked together with team members using Git to streamline development, ensuring smooth integration of features and minimizing code conflicts.
 - Designed and implemented fundamental game mechanics, including player movement, input handling, and an inventory system to collect and use items.
- **Text Adventure (Python, Python IDLE)**
 - Created a text-based choose-your-own-adventure game in Python, where player decisions influence the narrative and lead to multiple unique endings.
 - Implemented player stats and collectable items, allowing for dynamic interactions where choices and items impact gameplay.
 - Focused on crafting an interesting storyline with rich descriptions and branching story paths, enhancing replayability and immersion for the player

Work Experience

- **Artful Dodger Pub (*May 2021 - Present*)**
Position: Line Cook/Prep Cook
 - Expressed exceptional teamwork skills in a fast-paced environment, ensuring smooth communication between coworkers to deliver exceptional products.
 - Trained new employees in operational procedures, kitchen safety, and food preparation techniques.
 - Adapted quickly and efficiently to new menu items and cooking methods.

Education

- Bachelor of Science in Computing Science (In Progress)
Simon Fraser University