

CARTER MANN

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Education

University of Western Ontario, London, ON

2023 - Present

Bachelor of Software Engineering (Class of 2027 Candidate)

Relevant Courses: Data Structures & Algorithms, Database Management Systems, Operating Systems, Software Design, Applied Statistics & Data Analysis, Computer Networks Applications, Software Project & Process Management

Skills

Programming: Java, C, HTML, JavaScript, C++, SQL, Node.js, Python, MATLAB, TypeScript

Software Skills: Data Structures and Algorithms, Version Control, VS Code, AWS

Technologies/Frameworks: .NET, Git, GitHub, MS Word, MS Excel, React, Agile, Photoshop, AutoCad, Unity

Projects

1. 2D Atari Asteroids - JS, HTML

September 2025

- Developed a classic Asteroids-style game using Unity and C#, implementing core gameplay mechanics such as ship movement, shooting, and asteroid spawning.
- Focused on gameplay accuracy and smooth controls to recreate the feel of the original arcade game.
- Applied problem-solving skills to handle collision detection, object pooling, and game state management.

2. Personal Portfolio Website - HTML, CSS, JavaScript

August 2025

- Designed and developed a responsive personal portfolio to showcase projects, skills, and resume.
- Integrated GitHub, LinkedIn, and email contact functionality for professional networking.

3. 2D Platformer Game (Team Project) - Unity, CS | Team of 6 |

April 2024

- Collaborated using Git and Unity's version control tools to manage shared code and ensure smooth project integration across a distributed team.
- Demonstrated strong teamwork and communication skills in coordinating tasks, giving feedback, and solving design issues in group meetings.

Work Experience

Food & Beverage Staff: Bartender | Lambton Golf Course, Toronto ON

Summer 2025

- Thrived in a fast-paced environment. Efficiently multitasked. Demonstrated strong time management, communication, and teamwork skills to ensure smooth operations and high-quality guest experiences.

Food & Beverage Staff: Food Runner | Lambton Golf Course, Toronto, ON

Summer 2024

- Maintained strong attention to detail to ensure order accuracy and quality. Adapted quickly to fast past environment. Collaborated with team members to meet customer needs, and deliver consistent, reliable service under pressure.

Camp Counsellor | Camp Ponacka, Bancroft, ON

Summer 2022 – 2023

- Demonstrated strong leadership and responsibility by supervising campers 24/7, ensuring their safety, well-being, and emotional support. Acted as a positive role model, fostered an inclusive environment through active participation in programs and activities.

Lifeguard/Swim Instructor | Boulevard Club, Toronto, ON

2021 – 2023

- Lead swimming lessons, ensuring safety, rule compliance, responded promptly to emergencies.

Volunteer, Clubs, Extra Curricular's, Interests

- Hopes Rise (*Volunteer 2022 – Present*); Best Buddies (*Club 2020-2023*); Servant Leaders and Mentors (*Club 2021-2022*)
- Hockey: former member of NYHL, WMHL, GTHL A -AA (2011 – 2023); Bishop Allen Hockey Team (2019 – 2022; *Assistant Captain 2022*)
- Interests: Video gaming; reading, rock climbing, swimming, hockey