

William Gauvin

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SUMMARY

- Soon to be graduate of Game Development Programming at Algonquin College with a proficiency in programming, debugging, and documenting gameplay features.
- Excellent programming skills through recent experience at Postal Productions.
- Outstanding collaboration skills through the use of Github and Jira to collaborate with a team of twelve.

EDUCATION

Game Development Program | Programming

Ottawa, ON | 2022 - 2025

Algonquin College | Advanced Diploma | 3.9 GPA

- Enhanced skills to create operation game components while utilizing techniques to optimize code for speed, memory use, and reusability in C++ and C#.
- Led production on core features in a simulated industry game development life cycle over the course of eight months.

Computing | Artificial Intelligence

Kingston, ON | 2020-2022

Queen's University | Bachelor | 3.3 GPA

- Analyzed cognitive architectures and AI's ability to simulate decision-making and problem-solving in python.
- Explored mental representations in AI, including logic, rules, and neural networks.
- Studied AI-driven cognitive models and their relation to human thought processes.

EXPERIENCE

Backend Developer | Postal Productions

Ottawa, ON | 2024 - Present

- Successfully led development and maintenance of controls and camera systems using Unity Engine in C#.
- Constructed and analyzed documentation for newly implemented and updated softwares and features.
- Collaborated with a team of twelve through Github and Jira.

Game Development Program Assistant | Algonquin College

Ottawa, ON | 2024 -Present

- Assisted lower-year students by debugging code in C++ and C#.
- Reinforced and clarified complex programming concepts.
- Fostered a collaborative learning environment that encouraged continuous improvement in game development principles and best practices.

Digital Discovery Camp Leader | Discovery Centre

Halifax, NS | 2024

- Led a team of three to successfully operate programming and digital literacy camps across Nova Scotia.
- Designed and implemented comprehensive lesson plans and daily schedules for camps of fifteen.
- Coordinated with special guests through IGNITE Atlantic to bring industry insights and innovation-driven programming to camps.
- Facilitated a collaborative and engaging environment, fostering leadership, teamwork, and problem-solving skills among participants.