

# Mehrara Sarabi

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Self-motivated Game Programming graduate from George Brown College with a GPA of 4.0 and 4+ years of experience in game development. Seeking a challenging position as a Game Programmer in Toronto to leverage my skills in C++, C#, Direct3D, OpenGL, and engine development.

## HIGHLIGHTS OF QUALIFICATIONS:

- 4+ years of experience developing games with expertise in C++, C#, UE4, and Unity.
- Skilled in problem solving and debugging complex applications.
- Strong foundation in 3D mathematics and algebra.
- Proficient in developing artificial intelligence agents and behaviours.
- Adaptable and collaborative team player.

## TECHNICAL SKILLS:

- Programming languages: C++, C#, Swift
- Software: Unity, Unreal Engine, Visual Studio, XCode
- Concepts: Object-oriented programming, multithreading
- Source Control: GitHub, Perforce
- Project management: Scrum and Agile using Jira and Trello

## EDUCATION:

### Advanced Diploma in Game Programming

April 2022

George Brown College, Toronto

Dean's Honors List

Demonstrated exceptional performance in various roles, including game producer, lead gameplay programmer, UI programmer, and QA tester.

Promoted to work with graduate Game Design students as a programmer using C# and C++.

- Developed a 3D car combat game in Unreal Engine and C++ from scratch.
- Created mini games in Unity for different game jams.
- Engine development in OpenGL for an interactable 3D castle and maze.
- Designed and coded a Direct3D engine for rendering a castle from various geometries.

## PROFESSIONAL EXPERIENCE:

### Game Developer

Feb 2023 to May 2023

Nibbit AI, Toronto, Ontario

- Collaborated with the design team to brainstorm and design mini games.
- Translated design ideas into clean and efficient code.
- Conducted playtests, identified issues, and ensured bug free releases.
- Incorporated feedback to bring company's vision to life.

**Mathematics Tutor****Sep 2021 to Apr 2022****George Brown College, Toronto, Ontario**

- Provided one on one tutoring for various math courses to students with diverse learning styles.
- Fostered a deeper understanding of math concepts to enhance problem solving skills.
- Utilized a range of tutoring methods to maximize effectiveness.
- Managed time efficiently to ensure productive tutoring sessions.
- Offered detailed resources for practice outside the tutoring lessons.

**Office Manager****June 2020 to present****Dr Appleby Dentistry, Toronto, Ontario**

- Display tact and diplomacy in patient interactions.
- Manage insurance claims and payment processing.
- Maintained meticulous daily, weekly, and monthly account balancing.
- Provided direct contact information for addressing patient concerns.

**Student Life Ambassador****September 2019 to April 2020****George Brown College, Toronto, Ontario**

- Delivered exceptional customer service, welcoming students, and visitors.
- Handled daily requests and inquiries with professionalism.
- Supported students throughout their college experience.
- Advised and referred students as needed.

**VOLUNTEER EXPERIENCE:****Young Leaders, Braemar College****2018 – 2019**

- Created a safe space for vulnerable youth.
- Organized games and events to build a student network.
- Promoted scholastic engagement through spelling tournaments and seminars.
- Facilitated a monthly book club to encourage students.
- Served on the student council and collaborated with staff to organize senior prom.