

Quinton Mak

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Technical Skills

Languages: C#, HTML/CSS/JavaScript, Java, Racket

Technologies: Unity

Projects

Armatech

June 2021 - July 2021

- Designed a 2D game in **Unity** with **C#** where the player must use upgrades in order to defeat enemies.
- Used **Unity** features such as prefabs and scene management to build the game in a modular fashion.
- Used vectors and collision detection to facilitate interactions between objects in the game

Cosmic Resistance

June 2021

- Created a tower defense game in Greenfoot, where the player must hold off the enemies for as long as possible.
- Designed the grid system in **Java** to track the location of towers and enemies.
- Managed version control using Google Drive in a group of 3 other members.

The Quest for Xommuria

December 2019 - January 2020

- Built a story based game in Greenfoot using **Java** where the player defeats various enemies to complete a quest
 - Used object-oriented programming concepts such as classes, encapsulation, and inheritance.
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Experience

Pierre Elliott Trudeau High School

Executive Member - Principia Science Club

September 2019 - June 2021

- Planned and executed weekly activities in a team of 4 executive members.
- Delivered presentations and demonstrations of scientific topics to 5-10 participants each week.
- Facilitated the transition from in person to online meetings, retaining an 80% attendance rate.

Peer Tutor - Isci Peer Tutoring Club

September 2019 - June 2021

- Administered one-on-one tutoring sessions for an hour each.
- Explained math and science topics that students struggled with or missed in class.

North York Chinese Baptist Church

Summer Camp Counselor

June 2017 - July 2019

- Worked with a team of 10-15 volunteers in a fast-paced environment.
 - Planned and supervised lessons and games for 10 - 20 children at a time.
 - Ensured a safe environment when the children played sports or games.
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Education

University of Waterloo

Candidate for Bachelor of Mathematics (GPA: 3.94/4.00)

Waterloo, ON

September 2021 - May 2026