

# Jacob Ma

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## Education

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### Queen's University

Kingston, ON

*BSc in Computing*

Sept 2021-Present

Relevant Coursework: Fundamentals of Software Development, Operating Systems, Artificial Intelligence, Algorithms, Software Specifications, Data Structures, Computer Architecture

### St Robert Catholic High School

Markham, ON

*Ontario Secondary School Diploma*

June 2021

## Projects

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### Pokémon Home - Lead Developer

*HTML, CSS, JavaScript, Firebase, Visual Studio Code*

- Developed a visually appealing web app using both frontend and backend components.
- Utilised Firebase for real-time data synchronisation and seamless integration of cloud services.
- Maintained robust version control practices for the project using Git and Visual Studio Code.
- Implementing user-friendly features and interfaces to enhance overall usability.

### Rumiez - Co-developer

*C++, Qt, Git, Jira, Bitbucket, Confluence*

- Collaborated with developers to design and implement software solutions..
- Acquired and applied proficiency in C++ and Qt to develop features and modules.
- Utilised Git for version control, ensuring effective collaboration and codebase management.
- Adapted quickly to new skills and implemented interactive UI.

### Davy Blackjack - Team Lead

*C#, Unity*

- Oversaw the development of a C# and Unity-based project.
- Implemented complex logic and algorithms contributing to core functionality.
- Created a design strategy, outlining architecture, interactions, and overall flow.
- Applied OOP principles utilising encapsulation, inheritance, polymorphism, and abstraction.

## Non-Technical Experience

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### Sales Associate | CoCo, Toronto, Canada

May 2023 - August 2023

- Assisted customers in needs by ensuring ease of navigation resulting in an efficient customer experience
- Supported new team members and consistently received positive feedback from customers
- Work effectively in a team, utilising strong communication skills to coordinate tasks and support members.
- Proactively identified and resolved issues that arose employing critical thinking and problem-solving skills.

## Skills & Interests

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**Technical:** Java, Javascript, C++, C, Python, HTML, CSS, React, Node.js, Qt, Firebase, SFML, MS Office

**Language:** English, Mandarin

**Interests:** Video Games, Movies, Basketball, Hip-Hop, Chocolate