

Jacob Ma

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Education

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

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

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.
- Poractively identified and resolved issues that arose employing critical thinking and problem-solving skills.

Skills & Interests

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

Language: English, Mandarin

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