

QUINN JACKSON

Ottawa, Ontario

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EDUCATION

University of Ottawa

Honours BSc in Computer Science

9.62/10 GPA, Dean's Honours List

Ottawa, ON

Sep. 2022 – Sep. 2027

Napanee District Secondary School

Ontario Secondary School Diploma

Honour Roll, Ontario Scholar

Napanee, ON

Sep. 2018 – June 2022

PROJECTS

Mano Machine Assembler | *TypeScript, React, Tailwind CSS*

- Developed an in-browser simulation of a theoretical 16-bit microcomputer as described by Morris Mano
- TypeScript simulates the basic computer and assembles the machine code, running it locally
- Interactive documentation is designed to learn assembly language in a hands-on setting.

Capitol Compass | *Swift, XCode, MapKit*

- Designed a iOS 17 app to view and explore Ottawa's landmarks and amenities using native SwiftUI and UIKit.
- Uses Ottawa's public REST API to lazily pull data in real time using JSON queries to display in app.
- Implemented using the new Xcode beta 15.2 version to implement the latest features.

Cycling Club | *Java, Firebase, JUnit, Android Studio*

- Collaborated in a team to develop a social CRUD (Create, Read, Update, Delete) application
- App allows for participant involvement, club interactions, event categorization, and user reviews.
- Firebase Realtime Database is used to store user info and read and write at performant speeds through SDKs.

AWARDS

Governor General's Academic Medal: Presented to the graduating student who has achieved the highest academic grade point average in their class by the Governor General of Canada since 1873.

Charles S. Froud Award: Awarded to the student who has made significant contributions to non-academic areas of school life while also demonstrating the highest level of academic excellence.

Centre for Education in Mathematics and Computing: Received Certificate of Distinction for the Canadian Senior Mathematics Contest, the Euclid Contest, and the Senior Canadian Computing Competition for placing in the top 25% of all participants.

EXPERIENCE

Interact Rotary Club

President

Napanee, ON

Sep. 2022 – June 2022

- Led a team of dedicated volunteers to plan and conduct community service projects and high school events.
- Organized "Carni-val" fundraiser that raised \$5000 for a school staff member battling cancer after over a thousand students attended. Developed a dynamic website to track attendees and the current amount of funds raised.

Level One Game Pub

Line Cook

Ottawa, ON

May 2023 –

- Prepared and cooked ingredients to assemble meals according to established recipes and standards, ensuring consistency and accuracy while working under pressure in a fast-paced environment.

Napanee Academic Science Association

Tutor

Napanee, ON

September 2019 - June 2022

- Tutored 20+ students in various subjects during free time to provide guidance, improve confidence, give constructive feedback, and encourage a lifelong interest in exploring interests, fostering a supportive and inclusive environment for all students to feel welcomed and comfortable.

Chuck's Roadhouse

Supervisor

Napanee, ON

Nov. 2019 – June 2022

- Trained and supervised junior staff members, ensuring they followed proper food handling and safety protocols.
- Helped manage kitchen operations, including inventory management, ordering supplies, and ensuring a clean and safe work environment in a restaurant averaging sales of \$15,000 a day.