

# Johnathan Tam

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## EDUCATION

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### Western University

*B.Sc. in Computer Science;*

London, Ontario

*Sep 2024 – Present*

**Relevant coursework:** Programming My Digital Life, Foundations of Computer Science, Computer Science Fundamentals 1 and 2, Multimedia and Communication, Data Science Concepts

## EXPERIENCE

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### W.W Tech

*Web Developer*

Richmond Hill, Ontario

*Oct 2022 – 2023*

- Collaborated with cross-functional teams to create interactive JavaScript widgets, boosting user engagement.
- Developed and implemented custom WordPress plugins to enhance website functionality and user experience.
- Optimized website performance by improving images and combining scripts to reduce load times.

### Seaside Sustainability

*Web Developer*

Richmond Hill, Ontario

*Jan 2022 – June 2022*

- Designed dynamic web pages on sustainability using JavaScript, HTML, and CSS for enhanced user engagement.
- Created an interactive map to showcase local conservation projects, boosting community involvement.
- Utilized SEO by researching keywords, optimizing titles to improve search visibility and drive organic traffic.

## PROJECTS

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### Volume Sizzler on the Chrome Store

*A dynamic volume manipulator for chrome*

*2023*

- Developed a Chrome extension with 250+ users, enabling real-time audio manipulation with features like volume amplification, treble enhancement, and bass adjustment for improved sound quality.
- Implemented Chrome's API with the Web Audio API to create a volume / bass / treble manipulator.
- Integrated front-end web design with backend functionality

### Double Click Guard on the Chrome Store

*A tool designed to resolve issues with faulty double-clicking mice.*

*2023*

- Developed and launched with 150+ users, designed to block accidental double clicks, improving overall user experience and reducing frustration.
- Implemented Chrome's API to manually block unwanted double clicks, improving user's digital lives.
- Designed and displayed a purposeful and simple UI

### Wallpaper Animator

*A desktop app for animating wallpapers*

*2023*

- Implemented and worked with c++ listeners and backend in conjunction with a web based front end.
- Dealt with time complexity and space complexity optimization to improve animation smoothness.
- Worked with Windows API to control and manipulate desktop backgrounds.

## EXTRACURRICULAR

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### Western A.I Club Web Developer

*One of the junior web developers for Western's A.I Club*

Western University

*2024*

- Developed time management skills by balancing projects with academic responsibilities.
- Engaged in performance assessments, implementing adjustments to enhance personal and team outcomes.

## SKILLS

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**Technologies:** Javascript, TypeScript, Python, HTML5, CSS, Node.js React.js, Git, Wordpress, Wix, Restful APIs, SEO, jQuery, Object Oriented Programming, Functional Programming, User Experience, User-Centered Design, Test-Driven Development