Johnathan Tam

+1 437 248 1659 | @ johnathantam00@gmail.com | LinkedIn | GitHub | Portfolio | Toronto, Ontario

EDUCATION

Western University   London, Ontario
B.Sc. in Computer Science;   *Sep 2024 – Present*

Relevant coursework: Data Structures and Algorithms, Computer Networks, Databases, Object-Orientated Programming, Software Development, Data Science

EXPERIENCE

CodeTribe   Toronto, Ontario
Web Developer   *Jan 2024 – June 2024*

- Designed and maintained dynamic web pages focused on teaching coding concepts using JavaScript, HTML, and CSS for enhanced user engagement.
- Created interactive lessons using HTML and CSS styling to boost interactivity and engagement.
- Utilized SEO by researching keywords, optimizing titles to improve search visibility and drive organic traffic.

W.W Tech   Toronto, Ontario
Web Developer   *Oct 2022 – Oct 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.

PROJECTS

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

PDF Annotator
A web app for annotating and commenting on PDF files.   *2023*

- Build with React and Typescript while following Object Oriented Principles.
- Implemented file saving and importing functionalities to ensure efficient file management.
- Worked with PDF.js and PDFLib to analyze and edit PDFs for annotating.

EXTRACURRICULAR

Western A.I   Western University
Web developer   *2024*

- Developed responsive web applications using HTML5, CSS3, and JavaScript, ensuring cross compatibility.
- Optimized web performance by reducing load times through code refactoring and implementing lazy loading.

SKILLS

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