

TONY QIU

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SKILLS

Languages: JavaScript, Java, SQL, Python, VBA

Technologies: HTML, CSS, React.js, Node.js, MongoDB, jQuery, Excel

Tools: AWS, Git, Figma, Postman

EXPERIENCE

Tony's Web Designs, *Freelance Web Developer*

Toronto, Canada, Jun 2022 – Present

- Masterminded the development of custom responsive websites for small businesses using **HTML, CSS, and JavaScript**
- Implemented effective UX and SEO practices to help generate \$5,650 in additional revenue for an [accounting firm](#)
- Maintained communication and collaboration with product owners at every stage of the development lifecycle

BrightBearsInfo, *Lead Web Developer*

Toronto, Canada, May 2021 – Present

- Utilized the agile scrum methodology to lead a team of 4 developers to redesign the front-end, resulting in a 72% increase in monthly user traffic
- Developed the landing, blog, contact, meet the team, opportunities, and events page of the website using **HTML, CSS, and JavaScript**
- Optimized rendering by manipulating the **JavaScript event loop** and using high-performance **CSS animations** to reduce loading times by 29%

UWaterloo Industry 4.0, *Software Developer*

Waterloo, Canada, Sep 2022 – Present

- Collaborated with 6 developers on source code to develop the front-end using **React.js**
- Initiated communication with members from other departments to ensure effective copywriting

Sir John A. Macdonald CI Coding Club, *Vice President and Mentor*

Toronto, Canada, Sep 2021 – Jun 2022

- Presented lessons to highschool students about HTML, CSS, JavaScript, and UI/UX for a cumulative 20 hours
 - Taught **DOM manipulation**, HTTP, **SEO optimization**, and mobile responsive CSS
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PROJECTS

Job Portal Web App

Jan 2023

- Developed a responsive job portal to help companies provide applicants an optimized user experience with applicant profiles, preemptive background checks, saved files, and the ability to sort jobs
- Created the front-end using **React.js** and developed a **RESTful API** using **Node.js**, **Express.js** and **MongoDB**
- Authenticated user and admin login with **JSON Web Tokens**

Portfolio Website

Jan 2023

- Developed a responsive web app to display projects and blog content stored in a **MongoDB** database
 - Built the front-end using **React.js** and developed a **RESTful API** with **CRUD** routes using **Node.js** and **Express.js**
 - Deployed front-end to Netlify and the back-end to the **AWS EC2** Ubuntu instance
 - Utilized **Git** and **Github** for version control and **Postman** for debugging of API
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EDUCATION

University of Waterloo

Bachelor of Applied Science - BASc, Management Engineering

Sep 2022 - Apr 2027

INTERESTS

Philosophy, music, calisthenics, investing, Valorant