

Victor Liu

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SUMMARY OF QUALIFICATIONS

- **Languages:** React, TypeScript, Tailwind CSS, JavaScript ES6, HTML, CSS, Java, C/C++, Python, Bash.
- **Technologies:** MySQL, three.js, Postman, Git, VIM, VSCode, Figma, Adobe Photoshop, Adobe Illustrator, Linux.

EXPERIENCE

- **Front-End Developer** Toronto, ON
Mink Capital May 2023 - Aug 2023
 - Re-engineered an outdated company website using **PHP**, **JavaScript**, and **CSS** while adhering to an existing CMS. Features a **responsive layout**, a dynamic testimonial page, and a blog page, increasing the **average engagement time by 100%**.
 - Designed and built a web examination platform catering to **hundreds** of bootcamp members, leveraging PHP, **MySQL**, and JavaScript to create a robust system complete with **user authentication**, a server-side timer, and anti-cheat measures.
 - **Automated daily tasks** by automatically syncing CRM contacts with a content marketing system through Zapier and monday.com integrations, instantly saving **45 minutes of work daily**.
 - Spearheaded design initiatives and exceeded employer expectations by revamping the company newsletter and redesigning YouTube thumbnails. Used industry-standard tools like **Figma** and **Adobe Photoshop** to deliver visually striking results.
- **Dessert Crafter/Barista** Toronto, ON
Demetres Shops at Don Mills Sept 2021 - Aug 2022
 - Trained and led new Dessert Crafters and Baristas, teaching new and unique techniques such as ghost steaming, **reducing average onboarding time by 1 week**, leading to a **30% decrease in average preparation time** among new hires.

PROJECTS

- **NutriCart – Online Grocery Shopping Assistant** 
Demo @ github.com/m-chenie/NutriCart2.0 — React, TypeScript, Postman
 - Developed a web extension using React and TypeScript that tracks macronutrients when buying groceries online, enhancing user's shopping experience with real-time nutritional information.
 - Scraped HTML using the **chrome.tabs API** to obtain each item in the user's shopping cart, and implemented a RESTful nutrient lookup API with **React hooks** to obtain the nutritional values of each cart item.
 - Implemented a multi-stage initialization form with **client-side validation** to calculate personal nutritional intakes, which is compared with their cart's nutritional data and displayed to the user, providing users with **personalized dietary insights**.
- **Apple Weather Clone** 
Demo @ [VictorL000.github.io/apple-weather-clone](https://victorl000.github.io/apple-weather-clone) — React, Postman
 - Recreated the Apple Weather App using React and a RESTful weather API, complete with search bar functionality, dynamic background images, and a 7-day forecast, utilizing **React hooks** to fetch and parse **JSON** data.
 - Employed CSS pseudo-elements, flexbox, grid, and media queries, ensuring consistent design across all screen sizes.
- **Personal Project Portfolio** 
Demo @ [VictorL000.github.io](https://victorl000.github.io) — three.js, Tailwind CSS, GSAP
 - Created a captivating design-focused **single-page application** portfolio using three.js, VanillaJS, Tailwind CSS, and GSAP, delivering an immersive 3D graphics experience.
 - Implemented vanilla **JavaScript routing** with CSS pseudo-elements, animations, transitions, and GSAP (JavaScript animation library), resulting in **seamless page transitions** during navigation.

EDUCATION

- **University Of Waterloo** Waterloo, ON
Bachelor of Computer Science candidate Sept 2022 – Present
 - Awarded President's Scholarship of Distinction.
 - Relevant Courses: CS246 (Object-Oriented Software Development), CS245 (Logic and Computation), CS145 (Designing Functional Programs (Advanced Level)).