

Liam Huynh

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EDUCATION

Bachelor of Science, Computer Science and Mathematics – University of Toronto, Spring 2027

COURSES

Software Design – University of Toronto, Fall 2024

- Developed a standalone Java project with 25% code contribution to both backend and frontend
- Deployed a desktop Java application packaged with Maven using Clean Architecture
- Implemented a Git branching strategy to increase collaboration by 200% and streamline version control

Data Structures, Algorithms, and Analysis – University of Toronto, Winter 2025

- Optimized code efficiency by analyzing space and time complexity, increasing performance by up to 50,000x for large inputs

PROJECT EXPERIENCE

Game Design Blog – Nov 2024 - Dec 2024

- Engineered a scalable and responsive single-page application using React for seamless user experience
- Refined 100% of frontend to utilize a modular component structure and achieve 50% code reusability

Trivia Application – Oct 2024 - Dec 2024

- Collaborated with peers to review optimize, and test 20 dynamic and modular user interface components
- Constructed a trivia desktop application powered by Open Trivia DB with access to over 4,000 questions
- Assembled and maintained development of 10 responsive user interfaces for accessing the database

Spotify Song Recommendation Web App – Feb 2024

- Implemented Golang with a Fiber framework for a 200% speed increase in API response times
- Designed a reliable algorithm for processing recommendations from Spotify Web API
- Accelerated data retrieval efficiency by up to 30x using SWC and Vite for a faster frontend experience

WORK EXPERIENCE

Sous Chef – Sansotei Ramen, Jul 2024 - Dec 2024

- Led food preparation and cooking for 100+ orders daily, ensuring efficiency in a fast-paced environment
- Maintained organization across five prep stations to streamline multiple workflows

Referee Official – Dixie Soccer Club, Mar 2022 - Jan 2023

- Regulated matches by successfully managing over 100 personnel, reducing wasted time by 50%
- Addressed heated situations due to disagreements between players, coaches, and spectators, leading to a drop in offences by more than 50% over the course of 6 months
- Resolved over 20 altercations on the field, achieving a 95% player behaviour compliance rate

SKILLS

Software Languages: Javascript, Typescript, HTML, CSS, Golang, Python, Java

Frameworks & Libraries: React, Tailwind CSS, Fiber, Vite, Express.js, Java Swing

Languages: English (native), French (CEFR B2 Fluent), Vietnamese (beginner)