

Tony Li

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EDUCATION

Ivey Business School

Honours Business Administration

London, ON

Class of 2028

Western University

Honours Specialization in Computer Science

London, ON

Class of 2028

- Cumulative GPA: 94.55%, Major GPA: 98.0%, Dean's Honor List
- Courses: Algorithms (100%), Logic and Computation (97%), Software Tools and Systems Programming (99%), Software Engineering (95%), Discrete Structures (95%), Data Structures (100%), Comp Sci Fundamentals (100%)

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, C, SQL, HTML/CSS, R, LaTeX, VBA

Frameworks & Libraries: JUnit, React, Tailwind CSS, Playwright

Tools: VS Code, Eclipse, IntelliJ, PyCharm, Git, Linux/Unix CLI, Bash Scripting, Node.js, RStudio, Microsoft Suite

EXPERIENCE

YRT Capital

May 2025 – Aug. 2025

Quantitative Developer

Toronto, ON

- Built an options screening engine to compute volatility metrics and **quantitatively find writing opportunities**
- Implemented advanced estimators and visualizations to analyze volatility regimes and premium decay.
- Engineered **automated concurrent data pipelines** for real-time processing of data from APIs, analyzing 600+ tickers and integrated with Interactive Brokers for live updates.
- Contributed to the fund outperforming the S&P 500 benchmark over 3 years of live performance with a Sharpe ratio of 1.7.

Western University Students' Council (USC)

Sept. 2024 – Present

Productions Operator

London, ON

- Integrated and operated end-to-end AV systems in live environments, **diagnosing failures** by tracing signal paths to isolate root causes, ensuring uninterrupted productions and minimized downtime across **30+ events**.
- Collaborated with coworkers, touring technicians, and event clients to **adapt Western's audiovisual systems** to specific event requirements and triage real-time technical issues.
- Received **recognition from Alan Walker** for the successful delivery of a sold-out show to **1,200+ attendees**.
- **Led technical operations as the sole operator** for live theatre productions, managing AV systems and adapting to evolving client requests, **delivering coordinated shows to 2,000+** attendees across six performances.
- Converted an underperforming trivia event into karaoke, working with Western executives to **rapidly redesign the program** within 10 minutes, **increasing attendance from 3 to 75+** participants.

PROJECTS

Canada Computers Stock Tracker



| *JavaScript, Node.js, Playwright, Axios, HTML, Discord Webhooks*

- Designed a stock-tracking tool in **Node.js/JavaScript** that monitors product availability and sends **real-time alerts**, allowing for automation to reduce manual tracking.
- Leveraged **Playwright** to **automate browser interactions** and parse inventory data on a scheduled basis across all stores, ensuring reliable and timely availability tracking for buyers.
- Integrated Discord webhooks to deliver notifications with support for **personalized alerts and priority messaging** to user-selected stores, enabling a customizable and targeted notification system.

Personal Website: tony-li.ca



| [GitHub](#) | *JavaScript, React.js, Tailwind CSS, EmailJS*

- Used **React.js** and **Tailwind CSS** to create my personal portfolio website, deployed with **Vercel**.
- Incorporated a responsive layout with mobile-first navigation and theme toggling, improving **accessibility** and **user experience** across devices.
- Built a secure custom contact form utilizing **EmailJS**, streamlining communication with website visitors