

# 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

### 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 [GitHub](#)

- 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.

### QuackHaven [GitHub](#)

- Java, JavaFX, JUnit, CSS, JSON, Git, UML*
- **Collaborated with a team of 5** to design and build a virtual-pet game in **Java**, featuring inventory management, save/load game states, parental controls, and an integrated Blackjack-style minigame.
  - Implemented modular backend components for core gameplay, including pet state tracking, inventory, and minigame logic, and **built reliable JSON-based persistence** to save and load game progress.
  - Developed **JUnit** tests covering all major systems and logic, improving reliability and preventing regressions.
  - Designed the software through **UML** diagrams and detailed requirements, design, and testing documentation, defining system architecture and class responsibilities, ensuring team alignment during implementation.

### Personal Website: [tony-li.ca](http://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