

Lei Wu

✉ lw2002@hotmail.ca | 🏠 laywu.ca | 📄 github.com/imreallynameless | 🔗 linkedin.com/in/leiwuhoo

Skills

Programming Python, Java, C/C++, JavaScript, HTML/CSS, SQL, R
Technologies Node.js, React, Express, Selenium, MongoDB, PostgreSQL, Power BI, Docker, Kubernetes, Jira, Confluence, Git, Figma, Power BI

Education

Carleton University Ottawa, ON
BCS in Computer Science Software Engineering Stream, Minor in Statistics 3.98 GPA Expected Graduation | April 2026

- **Courses:** Design and Analysis of Algorithms, Abstract Data Types and Algorithms, Human Computer Interaction, Object Oriented Software Engineering, Operating Systems, Functional Programming, Database Management Systems, Fundamentals of Web Applications
- **Extracurricular:** VP Projects for Carleton Blueprint, Executive for Varsity Badminton and Badminton Club, Ultimate/Volleyball Intramural

Experience

CIBC Toronto, ON
Project Coordinator Intern Sept 2024 - Current

- Reconciled over **1M** in project financials to ensure budget adherence by identifying discrepancies to achieve compliance in managed projects
- Conducted weekly governance meetings to consolidate updates from project managers providing leadership with actionable insights
- Utilized **JIRA** and **Confluence** to track tasks and document project-related artifacts improving collaboration and project transparency

Carleton Blueprint Remote
VP Projects Sept 2024 - Current

- Initiated partnerships by reaching out to potential **NPOs** and assessing their ideas to secure projects that are aligned with the chapter's vision
- Recruited and led project teams with scrum and **Agile** methodology to deliver quality solutions within client constraints and timelines
- Decomposed complex client specifications into implementable technical requirements to improve developer velocity

Canadian Border Service Agency Ottawa, ON
Data Analyst Intern May 2024 - Aug 2024

- Extracted **100M+** records from the enterprise data warehouse using **SQL**, enabling seamless analysis for ad hoc purposes
- Implemented automated SQL query workflows to enable accurate real-time reliable enterprise data ensuring the safety of the country
- Transformed raw SQL data into **Power BI** dashboards to visualize information in neatly organized interactive charts and pivot tables for clients

Glimpse Social Inc. Toronto, ON
UX/UI Designer June 2022 - Apr 2024

- Designed flow, user interface, wireframes, and promotional content using **Adobe Creative Suite tools**, improving user engagement by 10%
- Crafted a support page on company website leveraging **HTML/CSS** and **JavaScript**, guiding users on navigating and utilizing the application
- Created an advertisement for product utilization tailored to business interfaces using **Figma** distributed in over **100** businesses

Carleton University Ottawa, ON
Web Development Teaching Assistant Sept 2023 - Dec 2023

- Taught **300+** students during in-person tutorials and office hours improving their performance
- Collaborated in a **team** setting with effective communication, ensuring smooth progress throughout the course without any delays
- Applied extensive knowledge of **Node.js**, **Express**, **WebSockets**, and **JavaScript** to offer guidance in approaching assignments effectively

Projects

Neureset - Direct NeuroFeedback EEG Device Simulator Apr 2024

- Simulated Neureset in a C++ Qt Creator environment by applying GoF creational, structural, and behavioral design patterns to ensure scalability
- Documented use cases, use case diagrams, sequence diagrams, state diagrams, UML class diagrams, and a traceability matrix to ensure each piece of code is mapped to their appropriate design specifications
- Applied the entire Software Development Life Cycle (SDLC) in an Agile framework to iteratively implement new design requirements ad hoc

Clean Vision Mar 2023

- Trained an AI model using **OpenCV**, **Tensorflow**, and **Python** for identifying the waste type of the object currently in focus
- Enabled real-time updates to the user interface by leveraging **WebSockets** to establish connectivity between the client and server-side
- Winner of 100+ teams at Hack the Hill **Maker Con Challenge**, successfully developing an app that sorts through waste

Real-Time Stock Exchange Data Visualization Jan 2023

- Processed over **200,000** data points stored in JSON files, parsing them to extract successfully processed transactions
- Built a web application using p5 capable of receiving data points through **WebSockets** to visualize stock transactions featuring a unique design
- Identified outliers within transaction data by applying statistical models to the data collected over the trading time frame