

Zhengyu Wang

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EDUCATION

University of Toronto

Toronto, ON, Canada

Computer Science Specialist and Applied Statistics Major

Sep. 2023 – Present

- Dean's List: 2023, 2024
- CGPA: 3.90/4.0

EXPERIENCE

JavaScript Curriculum Development

Feb. 2025 – Apr. 2025

Big Blue Marble Academy

King City, ON, Canada

- Designed and implemented an advanced JavaScript curriculum tailored for high school and early college students.
- Developed **8 structured two-hour lessons**, each with clear learning objectives, core **JavaScript** concepts, demonstration code, and practical hands-on exercises.
- Created and managed a **12-hour capstone project** focused on applying advanced JavaScript skills through practical, real-world scenarios.

Develop Online Tech Support Service

Oct. 2024 – Feb. 2025

Let's Get Together

Toronto, ON, Canada

- Built a streamlined online tech support system using **HTML** and **JavaScript** to replace the previous email-based communication, reducing technical issue response time from 3-4 days to immediate or same-day resolution.
- Integrated **Large Language Models** and **Retrieval-Augmented Generation** technologies to efficiently handle frequently asked questions and automatically deliver solutions where applicable.
- Conducted a test event with **30+ participants**, receiving positive feedback from 85% of attendees, demonstrating significant improvements in user experience and service efficiency.
- Expected to benefit **over 100 users** by significantly accelerating the resolution of technical issues upon deployment.

PROJECTS

BiliSmartSkip | *JavaScript, HTML, CSS*

Aug. 2025 – Present

- Developed a lightweight detection application that identifies embedded ad segments in BiliBili videos by analyzing user-submitted danmaku comments.
- Reached **96+ active users** on the Chrome Web Store and received **22+ GitHub stars**.
- Implemented a responsive UI with a dual-mode skip system (Auto/Manual), ensuring seamless user experience with zero background process overhead.

UofT Timetable Builder | *Java, Spring Boot, JavaScript, HTML, CSS, MySQL*

Dec. 2023 – Mar. 2024

- Developed a user-friendly web-based course scheduling tool for the University of Toronto, helping students streamline their timetable creation process.
- Built the project using Spring Boot for the backend to deliver a RESTful API, with MySQL for database, and implemented an interactive frontend using HTML, CSS, and JavaScript.
- Achieved **1000+ visits**, demonstrating strong demand and usability of the application.

AWARDS

Canadian Computing Competition

Feb. 2023

- Achieved a competitive rank of 264, placing within the top 25% of participants in a national-level programming competition organized by the University of Waterloo.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS, PHP, R

Frameworks: React, Vue, Spring Boot, Express, Flask, Electron, JUnit5

Database: PostgreSQL, SQLite, MySQL

Other Tools: Git, Maven, Nginx, VS Code, IntelliJ

OS: Windows, macOS, Ubuntu