Zhengyu Wang

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EDUCATION

University of Toronto Toronto, ON, Canada
Computer Science Specialist and Applied Statistics Major *Sep. 2023 – Present*

- CGPA: 3.90/4.0
- Computer Science Co-op Internship Program
- Dean's List Scholar: 2023, 2024
- Relevant Courses: Software Design, Software Tools & Systems Programming, Operating System, Databases, Information Security, Computer Organization, Data Structure and Analysis, Machine Learning

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, TypeScript, HTML/CSS, PHP
Frameworks: React, Vue, Spring Boot, Express, Flask, Electron, JUnit5
Database: PostgreSQL, SQLite, MySQL
Other Tools: Git, Maven, Nginx, VS Code, IntelliJ

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 to replace the previous email-based communication, reducing technical issue response time from 3-4 days to immediate or same-day resolution (**80%+ faster**).
- 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.
- Expected to benefit **over 100 users** by significantly accelerating the resolution of technical issues upon deployment.

PROJECTS

BiliSmartSkip | *JavaScript* Aug. 2025 – Spe. 2025

- Developed a lightweight detection application that identifies embedded ad segments in BiliBili videos by analyzing user-submitted danmaku comments.
- Reached **200+ active users** on the Chrome Web Store and received **50+ GitHub stars**.

Personal Website | *Vue.js* May 2024 – Oct. 2024

- Developed a personal website using **Vue.js**, featuring a blog, project showcase, and detailed personal profile.

Campus Forum | *Java, Swing, H2, JUnit5, Maven* May 2024 – Aug. 2024

- Developed a forum platform for chatting, sharing resources, and posting content.
- Implemented over **850 unit tests**, and achieving over **90% test coverage** across all use cases.

UofT Timetable Builder | *Java, Spring Boot, SQLite, JavaScipt, HTML/CSS* 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.
- At its peak, attracted **1000+ visits** per month.

Cloud System | *PHP, HTML, CSS, JavaScript, MySQL* May 2022 - June 2022

- Built a dynamic file management system, enabling users to upload, download, rename, and delete files seamlessly from the cloud.