

# Zhengyu Wang

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## EDUCATION

<b>University of Toronto</b> <i>Computer Science Specialist and Applied Statistics Major</i> <ul style="list-style-type: none"><li>Relevant Courses: Software Design, Software Tools and System Programming, Databases, Computer Organization, Data Structure and Analysis, Machine Learning</li><li>Dean's List: 2023, 2024</li><li>CGPA: 3.90/4.0</li></ul>	Toronto, ON, Canada Sep. 2023 – Present
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## 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  
**OS:** Windows, macOS, Ubuntu

## EXPERIENCE

<b>JavaScript Curriculum Development</b> <i>Big Blue Marble Academy</i> <ul style="list-style-type: none"><li>Designed and implemented an advanced JavaScript curriculum tailored for high school and early college students.</li><li>Developed <b>8 structured two-hour lessons</b>, each with clear learning objectives, core <b>JavaScript</b> concepts, demonstration code, and practical hands-on exercises.</li><li>Created and managed a <b>12-hour capstone project</b> focused on applying advanced JavaScript skills through practical, real-world scenarios.</li></ul>	Feb. 2025 – Apr. 2025 King City, ON, Canada
<b>Develop Online Tech Support Service</b> <i>Let's Get Together</i> <ul style="list-style-type: none"><li>Built a streamlined online tech support system using <b>HTML</b> and <b>JavaScript</b> to replace the previous email-based communication, reducing technical issue response time from 3-4 days to immediate or same-day resolution.</li><li>Integrated <b>Large Language Models</b> and <b>Retrieval-Augmented Generation</b> technologies to efficiently handle frequently asked questions and automatically deliver solutions where applicable.</li><li>Conducted a test event with <b>30+ participants</b>, receiving positive feedback from 85% of attendees.</li><li>Expected to benefit <b>over 100 users</b> by significantly accelerating the resolution of technical issues upon deployment.</li></ul>	Oct. 2024 – Feb. 2025 Toronto, ON, Canada

## PROJECTS

<b>BiliSmartSkip</b>   <i>JavaScript, HTML, CSS</i> <ul style="list-style-type: none"><li>Developed a lightweight detection application that identifies embedded ad segments in BiliBili videos by analyzing user-submitted danmaku comments.</li><li>Reached <b>100+ active users</b> on the Chrome Web Store and received <b>20+ GitHub stars</b>.</li><li>Implemented a responsive UI with a dual-mode skip system (Auto/Manual), ensuring seamless user experience with zero background process overhead.</li></ul>	Aug. 2025 – Spe. 2025
<b>Campus Forum</b>   <i>Java, Swing, H2, JUnit5, Maven</i> <ul style="list-style-type: none"><li>Developed a forum platform for chatting, sharing resources, and posting content.</li><li>Built backend with Java and H2 for user data management, and created a Swing UI for seamless user experience.</li><li>Implemented over <b>850 unit tests</b>, and achieving over <b>90% test coverage</b> across all use cases, ensuring performance and reliability in production.</li></ul>	May 2024 – Aug. 2024
<b>UofT Timetable Builder</b>   <i>Java, Spring Boot, JavaScript, HTML, CSS, MySQL</i> <ul style="list-style-type: none"><li>Developed a user-friendly web-based course scheduling tool for the University of Toronto, helping students streamline their timetable creation process.</li><li>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.</li><li>At its peak, attracted <b>1000+ visits</b> per month.</li></ul>	Dec. 2023 – Mar. 2024