

Amanda Zhu

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EDUCATION

University of Toronto Scarborough <i>Candidate, Honours Bachelor of Science</i>	Toronto, ON September 2023 – Present
• Specialist (Co-operative) Program in Computer Science - Software Engineering Stream	

WORK EXPERIENCE

Engineering Intern (Web) <i>Wattpad</i>	September 2025 – Present Toronto, ON
• Implemented migration and redesign of Account Settings page, collaborating with product, design and QA teams, and ensuring a successful rollout to platform users	
• Delivered ongoing maintenance and UI enhancements using React, Remix, Typescript, and Javascript	
• Improved code organization and file structure to support efficiency and maintainability	
• Conducted team standups and retrospectives, facilitating a transparent and collaborative environment	
Software Engineering Co-op <i>Magna Mechatronics, Mirrors & Lighting, Magna International</i>	
January 2025 – May 2025 Newmarket, ON	
• Led front-end development of a cost-reducing AI-powered web app, efficiently handling large sets of dynamic data	
• Collaborated with software integration engineers to build full-stack applications using React, Vue, and Python, streamlining engineering process for global teams	
• Delivered an intuitive UI/UX design using Figma for seamless integration with CAD software	
• Coordinated project timelines in alignment with customer requirements, ensuring timely delivery of key features	

PROJECTS

Roomzi <i>React, Express</i>	May 2025 – July 2025
• Developed a full-stack all-in-one rental solution web app with a team of 6 developers	
• Implemented full functionality of create, edit, and delete listing features, allowing landlord users to seamlessly list and manage their properties	
• Maintained user authentication and database using Supabase	
Art Museum Collection Management System <i>Java, XML</i>	
July 2024 – August 2024	
• Implemented efficient and accurate search functionality in a Firebase realtime database that validates user input	
• Designed a responsive, user-friendly mobile UI using XML in Android Studio Layout Editor	
• Developed an Android app with a team of 5 using the Scrum Agile framework, allowing users to store and retrieve information on art pieces	

LEADERSHIP & INVOLVEMENT

Rise Dance Company <i>President</i>	University of Toronto Scarborough April 2025 – Present
• Administered competitive and recreational dance programs, overseeing all executive team operations	
• Managed finances for a team of 30+ members while tracking expenditures to pursue funding opportunities, reducing competition costs by 43%	
Association of Mathematical & Computer Science Students <i>Design Director</i>	
University of Toronto Scarborough September 2024 – April 2025	
• Created impactful visual assets with Canva Pro, increasing student participation in department-wide events	
• Coordinated promotion strategies and timelines with various teams of the association, surpassing marketing goals	

TECHNICAL SKILLS

Languages: Python, Java, C, Typescript, JavaScript, HTML/CSS, SQL, Bash/Shell
Frameworks: Vue, Express, Node.js, Java Swing, JUnit, Python unittest
Libraries: React, Vuex, Pinia, Socket.IO, Chart.js, Ant Design, Element Plus, Pytest
Databases: Firebase, Supabase, PostgreSQL
Developer Tools: Git, GitHub, Azure DevOps, Jira, Postman, Android Studio, Figma, AutoCAD