

# Amanda Zhu

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## EDUCATION

### University of Toronto Scarborough

Toronto, ON

*Candidate, Honours Bachelor of Science*

*September 2023 – Present*

- **Specialist (Co-operative) Program in Computer Science - Software Engineering Stream**

## WORK EXPERIENCE

### Engineering Intern (Web)

September 2025 – Present

*Wattpad*

*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

January 2025 – May 2025

*Magna Mechatronics, Mirrors & Lighting, Magna International*

*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 | *React, Express*

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 | *Java, XML*

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

University of Toronto Scarborough

*President*

*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

University of Toronto Scarborough

*Design Director*

*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