

Emily Zhou

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EDUCATION

University of Toronto

Toronto, ON

B.Sc. Computer Science Specialist and Statistics Minor

Expected December 2025

- GPA: 4.0/4.0, Dean's List Scholar
- Schulich Leader Scholarship 2021: Valued at \$100,000
- Ottawa Catholic Trustee Student Service Award: Valued at \$1,500

EXPERIENCE

Software Developer Intern

May 2023 – Present

Government of Canada (PSPC)

Toronto, ON

- Designed and developed React applications, creating responsive and interactive user interfaces.
- Orchestrated the integration of automated testing suites using Jest, effectively mitigating software bugs and elevating overall software functionality.
- Created scalable REST APIs, employing Postman for comprehensive testing to ensure seamless integration.
- Conducted code reviews and contributed to the improvement of coding standards, leading to higher quality and maintainable codebase.
- Leveraged Git version control system to streamline codebase management, enabling effortless collaboration within cross-functional teams.

Vice President

Apr. 2022 – Aug. 2023

UofT Blueprint

Toronto, ON

- Directed a team of 6 executive members, managing all facets of club operations including event planning, budget allocation, and strategic marketing initiatives.
- Organized social events, work sessions, and educational workshops, enhancing the culture and community both within and beyond the club.
- Initiated and led community outreach initiatives, including volunteer events and charitable fundraisers, promoting social responsibility and community involvement among club members.
- Oversaw the development of 3 software solutions, including 2 mobile applications and 1 web application.

COMMUNITY & LEADERSHIP

Registered Study Group Leader

Jan. 2021 – May 2021

University of Toronto

Toronto, ON

- Course: CSC108 - Introduction to Computer Programming
- Facilitated weekly study sessions, improving participants' academic performance.
- Developed and implemented effective study strategies and techniques for diverse learning styles, enhancing student engagement and deepening the understanding of course material.

Fundraiser Coordinator

Jan. 2018 – May 2021

Canadian Cancer Society

Ottawa ON

- Successfully executed a variety of fundraising events, including galas, auctions, and ceremonies.
- Implemented effective marketing and communication strategies to promote fundraising events, increasing the visibility and brand awareness of the organization.
- Secured over \$18,000 in donations for cancer research and support services from my local community.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, TypeScript, HTML, CSS, R, LaTeX

Frameworks & Libraries: ReactJS, NodeJS, Axios, ThreeJS, Jest, Bootstrap

Tools: Git/GitHub, Microsoft Azure, Postman

Languages: English, French, Mandarin Chinese