

Emily Zhou

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EDUCATION

University of Toronto

Toronto, ON

B.Sc. Computer Science Specialist and Statistics Minor

Expected May 2026

- cGPA: 4.0 | ASIP Co-op Student | Technology Leadership Initiative (TLI)
- Schulich Leader Scholarship: Valued at \$100,000

EXPERIENCE

Software Developer

Sep. 2023 – Present

UofT Blueprint

Toronto, ON

- Collaborating with a cross-functional team of UX/UI designers and developers to ensure seamless integration of **React**-based front-end and **Express.js**-based back-end components, boosting site efficiency and elevating UI standards.
- Implementing **agile** development methodologies, utilizing **scrum** framework, and conducting weekly stand-up meetings, resulting in an increase in productivity by 30% and timely delivery of high-quality tickets.

Software Developer

May 2023 – Aug. 2023

Government of Canada

Toronto, ON

- Developed **Azure** Functions in **JavaScript/TypeScript** to seamlessly connect with external APIs, streamlining data retrieval processes and enhancing system integration.
- 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.
- Designed and developed **React** applications, creating responsive and interactive user interfaces.

PROJECTS

Callhub: Connect – [Github](#) | *React, Spring Boot, MongoDB*

Sep. 2023 – Present

- An industry-integrated TLI project in collaboration with Securian Canada.
- Spearheading the development of an interactive call center application with a visionary goal to revolutionize customer support interactions (team of 4).

TCES CRM – [Github](#) | *React, Express.js, Docker*

Sep. 2023 – Present

- Developing a customer relationship management application for Toronto Community Employment Services, a local non-profit organization (team of 10).

COMMUNITY & LEADERSHIP

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.
- Oversaw the development of three software solutions, resulting in a total of over 50,000 combined downloads and a 20% increase in online engagement and efficiency for our local non-profit partners.

Registered Study Group Leader

Jan. 2021 – May 2021

University of Toronto

Toronto, ON

- Devised and executed tailored study strategies and techniques to accommodate diverse learning styles, resulting in heightened student engagement and a more profound comprehension of **Python** and the course material.

TECHNICAL SKILLS

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

Technologies: Git, React, Node.js, Azure, MongoDB, Express.js, Docker, Spring Boot, Postman, Jest