

Ethan Chan

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Education

University of Toronto

Honours Bachelor of Science, Computer Science

Scarborough, Ontario

Sept. 2021 – Present

Work Experience

CANADA LIFE

Jan 2025 – Present

Data Enablement and Governance Intern

Built interactive Power BI dashboards analyzing internal communities of practice and communications, integrating ContactMonkey data to visualize trends and engagement patterns to improve communication strategies.

ONTARIO TREASURY BOARD SECRETARIAT

May 2024 – Aug 2024

Technical IT Assistant

Developed and optimized front-end features, resolving critical bugs and improving application stability. Led regression testing, fixing 95% of bugs. Refactored legacy code and created documentation to improve maintainability.

Technical Skills & Projects

Languages: Python, C, C++, Java, SQL, JavaScript/TypeScript

Development & Frameworks: React, Angular, Django, Node.js, Express.js, Selenium, REST APIs

Tools: GitHub, Git, Vite, Clay, Windows, Linux, VS Code, Figma, Jira, Power BI, Power Automate

Databases: MySQL, Firebase, MongoDB

UniRentals

Oct 2024 – Dec 2024

Django, React, Vite, Express.js, JavaScript, HTML, CSS, GitHub

Built a rental listing platform with an interactive map, integrating Leaflet and OpenStreetMap for API-based commute visualizations. Also developed backend services for user authentication and rental management.

FitBook

May 2023 – Aug 2023

React, Node.js, Express.js, JavaScript, MongoDB, Agile, Jira, Figma, GitHub

Led full-stack development of a fitness social media app, implementing user authentication and social networking features. Also designed a MongoDB database schema, improving real-time data handling and security.

Volunteer Experience

AMACSS (UTSC)

Sept 2024 – Present

Special Events Associate

Organized the CMS Gala for 200+ attendees, managing catering, volunteer coordination, and room layout logistics.

FUTURE OF ENGAGEMENT

Sept 2024 – Dec 2024

Software Developer

Developed automation tools using Python to support election candidates from underrepresented communities.

CSEC (UTSC)

Sept 2024 – Dec 2024

Internal Coordinator

Organized student workshops and networking events for 50+ attendees.