

Ethan Chan

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Education

University of Toronto

Honours Bachelor of Science, Computer Science

Relevant Coursework: Systems Programming, Data Structures and Algorithms, Introduction to Databases, Operating Systems, Engineering Large Software Systems, Web Programming

Scarborough, Ontario

Sept. 2021 – Present

Work Experience

CANADA LIFE

Jan 2025 – Present

Data Enablement and Governance Intern

Developed two Power BI dashboards to support data-driven decision-making. One analyzed internal communities of practice by tracking attendance, engagement, and growth, while the other visualized email communications using ContactMonkey data to assess engagement and recipient behavior.

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

ASSOCIATION OF MATHEMATICAL AND COMPUTER SCIENCE STUDENTS

Sept 2024 – Present

Special Events Associate

Organized the CMS Gala for 200+ attendees, managing catering, volunteer coordination, and event planning.

FUTURE OF ENGAGEMENT

Sept 2024 – Dec 2024

Software Developer

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

COMPUTER SCIENCE ENRICHMENT CLUB

Sept 2024 – Dec 2024

Internal Coordinator

Organized student workshops and networking events for 50+ students.