

Eric Xia

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EDUCATION

University of Toronto

Honours Bachelor of Science in Computer Science & Mathematics - GPA 3.84/4.0 Expected Graduation: May 2028

- Relevant courses: Software Engineering, Data Structures, Systems Programming
- Awards: Dean's List Scholar (2024, 2025): Cumulative GPA above 3.50 after completion of a year

SKILLS

Languages: Python, Java, Javascript, HTML/CSS, SQL, C, Typescript

Developer Tools: Git/Github, Figma, VS Code, Pycharm, IntelliJ, Eclipse, Windows, Unix, Bash, Jira

Technologies/Frameworks: ReactJS, NextJS, Flask, FastAPI, Django, PostgreSQL

EXPERIENCE

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Toronto, ON

Software Engineer

May 2025 - Present

- Built provider signup and onboarding flows in the frontend using **React** and **TypeScript**.
- Integrated authentication and role-based access control using **Firebase Auth** and **React** context
- Collaborated in a team of 7 developers, following **AGILE** methodologies and participating in weekly scrum meetings
- Participated in code reviews, feature planning, and troubleshooting

UTM Robotics

Mississauga, ON

VP of Marketing

May 2025 - Present

- Led design of promotional material for the 2025 Toronto Robotics Conference

Marketing Associate

November 2024 - May 2025

- Managed mailing lists to over **130 clients** using **MailChimp** driving a **251% increase** in email click rate, contributing to an **80% increase** in event attendance
- Designed promotional materials and graphics for technical workshop events averaging 20 attendees per session

PROJECTS

CSC258 AI Tutor | Python, FastAPI, Django, PostgreSQL

May 2025 - Present

- Prototyped **RESTful API** endpoints using **FastAPI** for rapid iteration and testing of core backend features
- Developed and structured the backend using **Django** and **Django REST Framework**, implementing authentication, routing, and modular app design.
- Integrated and configured a **PostgreSQL** database hosted on **AWS RDS**

UofT Apex Website | Javascript, NextJS, ReactJS, Python

December 2024 - Present

- Built a responsive website for the UofT Apex Legends club using **ReactJS** and **NextJS**
- Developed a tournament registration system using **Flask** and Discord **OAuth2**, handling **100+** registrations
- Implemented automated data collection using Google Sheets API

JourneyMatch | React Native, Typescript

February 2025

- Developed the frontend of the application using **React Native** with **Typescript**, enabling mobile and web views
- Utilized the **Google Places API** to allow users to tag and search for travel destinations
- Designed and implemented a swipable card deck UI for browsing travel destinations

Time Management App | Java, SQLite

June 2024 - August 2024

- Created a multipurpose time management app using Java
- Collaborated in a team of six developers to implement code following **SOLID** principles and **clean architecture**
- Contributed in designing an **SQL** database to store user information using SQLite