

Yiyun (Yvonne) Zhang

📍 Toronto, Canada ✉ yvonnezy.zhang@mail.utoronto.ca ☎ 647-678-2028 in zhangyiyun- 🌐 Yiyun95788

Education

University of Toronto

Sept 2022 – Present

Bachelor of Science in Double Major of Computer Science & Statistics

- GPA: 3.43/4.0

Extracurricular Learning

- Introduction to Generative AI, Coursera
- Machine Learning Specialization by Andrew Ng, DeepLearningAI

Experience

Associate of the Conference Team

Toronto, Canada

University of Toronto Artificial Intelligence Group

May 2024 – March 2025

- Organized UofT AI's annual conference: event logistics, speaker coordination, and attendee management.
- Worked collaboratively to create a comprehensive event timeline, ensuring timely and efficient execution.
- Directed communication with 20 guest speakers, provided preparation assistance, and facilitated a smooth and professional presentation experience.

Software Developer Intern

Toronto, Canada

My Learning Space AI

May 2023 – Sept 2023

- Collaborated with a PhD supervisor to build the backend of a web-app using **Python** and **Fast API**.
- Developed frontend/UI features collection of personal information, intelligent recommendation on colleges, evaluation of success rate, optimization feedback using **JavaScript** and **CSS**.
- Automated student evaluation data with **SQL scripts** and created AI report. Work greatly improved user experience and attracted **9%** of customer increase.

Technical Projects

LeetBot - LeetCode Problem-Solver Chatbot

[LeetBot](#) 

- Developed a chatbot that assists users in solving LeetCode problems, using **Vite**, **React**, and **TypeScript**.
- Preprocessed and tokenized problem descriptions to clean and prepare inputs for model training.
- Fine-tuned GPT-4o model to generate code solutions, deployed the model onto using Fast API .

safeTO - Toronto Crime Data Visualization Project

[safeTO](#) 

- Developed a crime map web-app showcasing Toronto neighborhood crime data, utilizing **React**, and **Javascript**.
- Built interactive frontend features, including user registration, login, and profile management integrated with backend services (**SQL** database).
- Implemented automated email alerts and **Python-generated charts** for reporting crime data.

Canada Covid-19 Mortality & Vaccinations Map

[CCM](#) 

- Designed an interactive Canada COVID-19 Vaccine Map to visualize vaccine distribution across provinces.
- Utilized JavaScript, HTML, and CSS to build the user interface and ensure responsiveness across devices.
- Integrated data visualization libraries, such as **Chart.js** or **D3.js**, to present data effectively.

WeedOut - Machine Learning Data Preprocessing Tool

[WeedOut](#) 

- Developed a web-based data preprocessing tool for ML projects using **Next.js**, **React**, and **Tailwind CSS**.
- Implemented a modular Python preprocessing pipeline that handles various dataset types and sampling strategies.
- Built a Flask-based RESTful API to connect the frontend with the backend preprocessing library, enabling file uploads and downloads.