

Emma Teng

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Summary

I am a third-year student at the University of Toronto who majors in both Computer Science and Applied Statistics. I hold a cGPA of 3.36 and I excel in both collaborating with teams and working individually. I have great interests in Data Analysis and Software Engineering, and I am experienced with many programming languages such as Python, Java, C, and more.

Education

University of Toronto

Honours in Bachelors of Science (H.Bsc.) | CS and Mathematics + PEY Co-op

Expected graduation date: Jun. 2026

GPA: 3.36

Relevant Courses: Software Design, Software Tools and Systems Programming, Data Structures, Statistics, and Methods of Data Analysis.

Nanyang Technological University

Undergraduate Exchange | School of Physical and Mathematical Science

Expected graduation date: Dec. 2023

Relevant Courses: Computer Communication, Microprocessor, Sampling and Survey.

Projects

Great Recession Impact on Young Population

Feb. 2024

Data Analysis on 2007-2008 Financial Crisis and Birth Rate

R, R markdown

- Analyzes American birth rate data to explore the relationship between the younger generation's birth rates and the impact of the Great Recession.
- Understand how significant economic downturns affect reproductive trends among different age demographics.

AdmitEasy

May 2023

DeerHacks project to provide personalize report for college applications

JavaScript, HTML, CSS, PHP

- Developed chatbot, essay review, and resume review features using OpenAI API, JS, and HTML.
- Includes multiple accessibility features such as texts to-speech and speech-to-text for accessible use.

Interactive Map of UTSG Campus

Dec. 2022

In-course project to create an interactive and detailed map

Java, Google Map API, JavaFX framework

- Developed visualization of the UTSG campus using the Google Maps API.
- Web scrapped data of UTSG classrooms and buildings, provided visualization of the shortest route with JavaFX.

Leadership and Volunteering

UTM Robotics

Sept. 2022 - Jun.2023

Vice-President of Events

- Responsible for coordinating all event-related tasks (e.g. planning, preparing, and documenting).
- Work with fellow VPs to discover and create influential events to connect the club with the UTM community.

UTM 021 Club

Sept. 2022 - Ongoing

IT Officer

- Collaborated with other departments in providing technical assistance to fulfill client needs.
- Responsible for creating and maintaining the club website.

UTM Computer Science Student Community

Nov. 2022 - Ongoing

Social Media Coordinator

- Collaborated with other departments to create content for event promotion and club recognition.
- Responsible for designing graphics.

Skills

Languages:

Python, C, C++, R, HTML, JavaScript, Bash

Technologies & Tools:

JavaFX, Git, Linux, Microsoft Office Products.