

Tyler Chin

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 github |  linkedin

EDUCATION

University of Toronto

Sep 2023 - Apr 2028

Bachelor of Science, Specialist In Computer Science, Minor in Business

Mississauga, ON

GPA: 3.7/4.0

Related Course Work: Introduction to Object Oriented Programming | Data Structure and Algorithms | Software Design | Systems and Systems Programming | Intro To The Theory of Computation | Intro To Marketing | Intro to Entrepreneurship

TECHNICAL SKILLS

Programming Languages Python | Java | C++ | C | C# | GDScript | Bash | JavaScript | SQL | HTML/CSS
Developer Tools Godot | Unity Game Engine | Visual Studio Code | Git | Jet Brains | Eclipse | Jupyter Notebook
Framework Django | DiscordJS | PyGame | Three.js | Swing | React | Tkinter | ChatGPT API

EXPERIENCES

Canadian Computing Competition

Feb 2023

Competitor

Toronto, ON

- Participated in a coding competition placing top **500 out of 4000** participants.
- Studied **data structures and algorithms** such as heaps, queues stacks, dynamic programming and greedy algorithms for the competition.

HackThe6ix

Aug 2024

Hacker

Toronto, ON

- Deployed Gdscript and machine learning knowledge to create software that matched human voice to a pre-terminated prompt with **90% accuracy**.
- Made meaningful software that aids in providing treatment to those with aphasia.

NOTABLE PROJECTS

Moon Phases Portfolio

April 2025 - May 2025

Full Stack Engineer

Toronto, ON

- Created a visually stunning portfolio using a combination of **HTML, CSS, Javascript and Three.js**.
- Implemented a **28 day moon cycle tracker** that accurately tracks the moon cycle using **LunarphaseJS**.
- Website utilizes **EmailJS** to implement a custom contact me form that can handle up to **500 emails** sent per day.
- Optimized the website to ensure a **smooth UI-UX** experience using techniques learned in **school and Leetcode**.

Discord Bot

May 2025 - May 2025

Back end developer

Toronto, ON

- This bot that employs various features to interact with a server including but not limited to **texting, joining calls and sending GIF's**.
- Built using **discord.py** to implement **POST and GET** requests to Discord's **API**.
- Uses **OpenAI's LLM API** to facilitate interactions with users.
- Bot is built to be customizable based on how active you desire it to be. It may message, talk or send GIF's more frequently or less.