Tony Lin

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Bachelor of Applied Science (Computer Science) — McMaster University, Class of 2026

Projects

Personal Website — *Portfolio*
- A responsive website that visualizes my resume using self-taught skills.
- Created using HTML, CSS, JavaScript, Jquery, Bootstrap, and animation libraries.

Mahjong Counter — *Web App*
- A web application players use to keep score during Mahjong gameplay.
- Aggregates and reports statistics and high scores throughout the game.
- Made using HTML, CSS, JavaScript, and hosted using Heroku.

Tip.cc Suite — *Cryptocurrency Bot*
- A collection of programs that allows users to send their entire crypto portfolios to other tip.cc accounts on Discord, participate in tip.cc phrasedrops, and calculate missing cryptos in portfolios.
- Automate commands to the tip.cc bot on Discord and is built using Python and the PyAutoGUI library.

Colour Game — *Web Game*
- A guess the colour game using randomly generated RGB values with different difficulties in levels.
- Developed using HTML, CSS, and JavaScript, and hosted using Heroku.

Experience

Tutor — *Sir John A Macdonald Collegiate Institute*　　　　　*Dec 2020 — Apr 2021*
- Taught students the fundamentals of web development through the Mac Code Today club.
- Prepared powerpoint lessons on HTML, CSS, and Javascript, taught online through replit.com, and helped students build personal websites.

Skills

Languages: Python, HTML, CSS, JavaScript, Java, SQL, Bash, Haskell

Software: Git, Heroku, Visual Studio Code, Google Suite, Office 365

Awards

The McMaster University Award of Excellence (Scholarship)	*2021*
Calculus and Vectors Award (Course Award)	*2021*
(4X) Medallion Honours (High Honours)	*2018 — 2021*
Functions Award (Course Award)	*2020*
Mandarin Gene Teng Award (Scholarship)	*2019*