

Tony Lin



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

Projects

Personal Website — *Portfolio*

- A personal website created using self-taught skills, with the purpose of displaying completed projects.
- Created using HTML, CSS, JavaScript, JQuery, Bootstrap, and animation libraries.

Mahjong Counter — *Counter*

- 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 — *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 in web development through the Mac codeToday 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, Github, 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

Mandarin High School Academic Award (Scholarship)

2018, 2019