

# Tony Lin



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

## Projects

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### **Personal Website — Portfolio**

*Aug 2020 — Present*

- A responsive website that visualizes my resume using self-taught skills.
- Created using HTML, CSS, JavaScript, JQuery, Bootstrap, and animation libraries.

### **Tip.cc Suite — Cryptocurrency Bot**

*May 2021 — July 2021*

- 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.

### **Mahjong Counter — Web App**

*June 2020 — Sept 2020*

- 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.

### **Colour Game — Web Game**

*Aug 2020 — Sept 2020*

- 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

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### **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

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

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

**Codecademy Courses:** Python, HTML, CSS, JavaScript, Java, Git, SQL, Bash,

## Awards

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**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*

**(2X) Mandarin High School Academic Award (Scholarship)**

*2018 — 2019*