Tony Lin

itstonylin.ca | linkedin.com/in/itstonylin | (647) 640-5703 | itsthetonylin@gmail.com

EDUCATION

McMaster University **Hamilton, ON**
Honours Computer Science Co-op (B.A.Sc.) *September 2021 - Present*

WORK EXPERIENCE

Tech Mahindra **Toronto, ON**
Jr. Software Engineer *May 2022 - August 2022*
- Designed a plugin with UML that uses JUnit to generate unit test cases for Spring Boot applications.
- Conducted research on Agile Methodology, Software Development Life Cycle and different version control tools and presented findings to Tech Mahindra's Digital Transformation & Execution Director.
- Completed Tech Mahindra's courses on modern banking, digital technologies, Junit, Java, and UML.

Wealthsimple **Hamilton, ON**
Brand Ambassador *February 2022 - April 2022*
- Promoted the Wealthsimple Cash app and referred 10+ members, generating over $600 in bonuses.
- Worked in the games section at McMaster University's Spring Festival, serving 100+ students/faculty.

Sir John A Macdonald Collegiate Institute **Toronto, ON**
Web Development Tutor *December 2020 - April 2021*
- Introduced students to the fundamentals of web development through weekly sessions.
- Prepared powerpoint lessons on HTML, CSS, and JavaScript, and helped students build their personal websites.

PROJECTS

Personal Website
Portfolio *August 2020 — Present*
- A responsive website that visualizes my resume by highlighting my work experience, projects, skills, and awards.
- Created using HTML, CSS, JavaScript, Jquery, Bootstrap, and animation libraries.

Linear Algebralizer
Web Application *January 2022 — April 2022*
- A web study tool containing resources on 10 abstract linear algebra theorems built using Elm.
- Implemented an intuitive UI that allows users to visualize abstract linear algebra theorems through their input.
- Interviewed users and iterated over its design throughout the course of 12 weeks.

Cat Viewer
Website *February 2022*
- Displays paginated images of cats, with filters over 67 different breeds of cats, containing over 8000+ images.
- Developed in JavaScript with Vue.js and the Vuetify framework using The Cat API.

Tip.cc Suite
Cryptocurrency Bot *May 2021 — July 2021*
- Allows users to transfer their entire cryptocurrency portfolio (up to 295 cryptocurrencies) to another Tip.cc account on Discord, auto type in Tip.cc phrase drops, and calculate missing cryptocurrencies in portfolios.
- Automate commands to the Tip.cc bot, built using Python and the PyAutoGUI library.

Mahjong Counter
Web Application *June 2020 - September 2020*
- A web application to keep score during Mahjong gameplay, saving 5-10 minutes each game.
- Aggregates and reports 10 statistics including money won/lost, win streaks, and highest win, throughout the game.
- Made using HTML, CSS, JavaScript, and hosted using render.

TECHNICAL SKILLS

Programming Languages: Python, HTML, CSS, JavaScript, Java, C, SQL, Bash, Elm, Haskell.

Technologies: Git, React, Vue.js, Node.js, Junit 5, Jquery, Bootstrap, UML, Linux.