

# James Ting

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## Programming Skills

### Programming

### Languages

Java

Python

C

JavaScript

Bash

### Frameworks / Technologies

React

PyTorch

TensorFlow / Keras

NodeJS

Git / GitHub

Rest APIs

## General skills

### Languages

English

French

Cantonese

### Certifications

Private Pilot License

- Night Rating

- Multi-Engine Rating

### Other Skills

Microsoft Office Suite

Collaboration

Slack

## Education

Bachelor of Science, Computer Science Major - McGill University

MONTREAL, CANADA

SEPT 2018 TO PRESENT

cGPA: 3.85 / 4.00

Expected Graduation: April 2022

## Experience

VP Web Developer - McGill Student's Flying Club

MONTREAL, CANADA

JUNE 2020 TO PRESENT

VOLUNTEER POSITION

Spearheaded the construction and maintenance a static website using **HTML** and **CSS** to promote the club to new members and potential sponsors. Currently developing a **dynamic website** using **React** for front-end.

## Personal Projects

SuperHero Team Builder - React, REST APIs

JUNE 2020

Constructed a superhero team builder web app where users can create a team of superheroes based around their stats. The web calls the Superhero REST API for information about superheroes from the Marvel and DC universes.

Fluent-C Programming Language - C, Lexer, ASTs, Parser

JUNE 2020

Used **C** to design a **dynamically typed, interpreted programming language**, with a lexer, parser and a visitor that supports functionality for variables and custom functions.

Pathfinding Algorithm Visualizer - ReactJS, NodeJS

JUNE 2020

Created a pathfinding algorithm visualizer **web app** using **ReactJS** and deployed on **Github Pages** to demonstrate algorithms such as **Dijkstra's**, **A Star search**, and more.

League of Legends Deep Learning Match Outcome Prediction - PyTorch, Riot Games API

MAY 2020

Constructed, prepared and cleaned a custom dataset of **10 019** matches to train a **binary classification neural network** to predict the outcomes of Ranked matches of League of Legends, achieving a **validation accuracy of 97% on post-match data**, and **63% on pre-match data**.

strike\_pose - wrnchAI API, Python

JANUARY 2020

HACKATHON PROJECT

Built a pose similarity detection program using the **wrnchAI API** and **Python** and a custom trained algorithm to determine the similarity of a user's pose to a previously set pose.

Personal Website - HTML, CSS, Javascript

DECEMBER 2019 TO PRESENT

Used **HTML**, **CSS**, and **JavaScript** to design a **static, responsive website** as an online resume and as the first learning tool in web development.