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
Communcation
Passion for learning

Education

Bachelor of Science, Computer Science Major - McGill University

MONTRÉAL, CANADA — SEPT 2018 TO PRESENT

cGPA: 3.85 / 4.00
Expected Graduation: April 2022

Experience

VP Web Developer - McGill Student's Flying Club

MONTRÉAL, 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 .