

JAMES TING

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jamesbting.github.io

SKILLS

- Programming Languages:
 - Java, Python, JavaScript, CSS, HTML and C, C++
- Technologies/Environments:
 - Linux (Ubuntu, Raspbian OS), Windows, Git, PyTorch, Tensorflow/Keras, Jupyter Notebooks, REST APIs, NodeJS, React

GENERAL SKILLS & INTERESTS

- Languages:
 - Fluent: English, French, Chinese (Cantonese)
- General Skills:
 - Experienced in Office products such as Word, Excel and PowerPoint
 - Experienced with Slack and Asana as tool for collaboration
- Interests/Hobbies:
 - Machine learning and it's applications to aerospace, cyber security, and social activism
 - Pilot, with a Private Pilot License with Night and Multi-Engine endorsements

GITHUB:



LINKEDIN:



WEBSITE:



EDUCATION

BACHELOR OF SCIENCE, COMPUTER SCIENCE MAJOR
SEPT 2018 - APR 2022 (EXPECTED)

McGill University - Montreal, Canada

cGPA: 3.85/4.0

PERSONAL PROJECTS

PATHFINDING ALGORITHM VISUALIZER

REACTJS, NODEJS, PATHFINDING ALGORITHMS | JUNE 2020 - PRESENT

- Used ReactJS to build a single page web application that allows users to draw walls and see how different algorithms work
- Implemented algorithms include Dijkstra's algorithm, A * Search, DFS and BFS.

LEAGUE OF LEGENDS MATCH OUTCOME PREDICTION WITH DEEP LEARNING

DEEP LEARNING, PYTORCH, RIOT GAMES API | MAY 2020 - PRESENT

- Created a Binary Classification Neural Network using the PyTorch library to determine the outcomes of League of Legends matches
- Achieved a 92% validation accuracy on a self-made dataset containing 10 019 data points

SIMULATED DATABASE LOGIN SYSTEM

CYBERSECURITY, PYTHON, SQL | DEC 2019 - JAN 2020

- A login system that has a Tkinter GUI, a cryptographic hash function and a database to store all the account information
- The program interacts with the database using the SQLite3 to store, read and update the table stored in the database.

EXTRA CURRICULARS

CO-PRESIDENT: HONG KONG STUDENT NETWORK
MONTREAL, CANADA | FEB 2020 - PRESENT

- Responsible for overseeing all club events and activities, and coordinating the Internal, External, Financial and Communications teams
- Represent the club with to all external entities, including but not limited to student unions, other clubs, and outside companies.

strike_pose: Pose similarity detection

hack_mcwics 2020 - MONTREAL, CANADA | JAN 2020

- Used wrnchAI's pose detection API to develop a similarity model that detects if 2 poses are similar regardless of subject height, size or relative position