JAMES TING

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jamesbting.github.io

SKILLS

- Programming Languages:
  - Java, Python, JavaScript, CSS, HTML and C
- Concepts:
  - Experienced in object-oriented development, data structures, algorithms, and data analysis
  - Command-line programming, low-level system programming, UNIX, multi-language/system integration programming, encapsulation, design patterns and unit testing.
- Technologies/Environments:
  - Linux (Ubuntu, Raspbian OS), Windows, Git, PyTorch, Jupyter Notebooks, Riot Games API
- General Mathematics Knowledge
  - Single/multi variable calculus, linear algebra, discrete mathematics, probability, discrete and continuous univariate and multivariate distributions

GENERAL SKILLS & INTERESTS

- Languages:
  - Fluent: English, French, Chinese (Cantonese)
- General Skills:
  - Experienced in Office products such as Word, Excel and Powerpoint
  - Experienced with Slack 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

EDUCATION

BACHELOR OF SCIENCE, COMPUTER SCIENCE MAJOR
SEPT 2018 - APR 2022 (EXPECTED)
McGill University - Montreal, Canada
cGPA: 3.85/4.0

PERSONAL PROJECTS

LEAGUE OF LEGENDS MATCH OUTCOME PREDICITION 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 match outcomes of League of Legends matches
- Achieved a 92% validation accuracy on a self-made dataset containing 3358 data points

PERSONAL WEBSITE
FRONT-END DEVELOPMENT | DEC 2019 - PRESENT

- A basic website that serves as an online version of my resume, and was built as an introduction to HTML and CSS

SIMULATED DATABASE LOGIN SYSTEM
CYBERSECURITY, 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

GITHUB:

LINKEDIN:

WEBSITE: