Chaoyu (Jackson) Wang

5 buttermill ave, Vaughan, Ontario, ON L4K 0J5
jacksonwang3599@gmail.com | (647) - 984 - 3599 | Github | Linkedin

EDUCATION

Toronto Metropolitan (Ryerson) University Toronto, ON
Bachelor of Science (Honors): Computer Science May 2022
Courses: Machine Learning, Introduction to Data Science, Data Mining, Intro to Multimedia Systems. Data Structures, Linear Algebra

- Academics: 3.28/4.33 GPA for last two years,
- Honors: Dean's List student
- Awards: received undergraduate entrance scholarship totaling over $500

Western University London, ON
Master of Engineering: Electrical & Computer Eng, M.Eng. ECE, Software, C ELI July 2023
Courses: Data Management & Application, Digital Image Processing, Data Analytics Foundations, Advanced Databases, Cloud Computing, Machine Learning, HCI design, Project Management.

SKILLS

Languages: Python, MATLAB, C/C++, SQL, JavaScript
Frameworks: TensorFlow, Keras, Scikit
Tools: Git, VS Code, LaTeX, MySQL, SQL server, google cloud, Unity
Platforms: Windows, Linux
Bilingual: Mandarin & English

EXPERIENCE

2D Game Development Work Series 2020 | Unity Toronto, ON
Aug 2020 – Sep 2020

- Follow the Workshop use Unity to make a Mario-like 2D game map.
- Follow the Workshop make a protagonist for a 2D game map and make it move, jump and attack.
- Follow the Workshop add traps to the 2D game map to complete the game.
- Get 2D Game Development Workshop Certificate.

PROJECT

Machine learning 's Final project (Undergraduate Course Group Project) Toronto, ON
Supervisor: Dr. Nariman Farsad Sep 2021 – Dec 2021

- Overview and implement K-Nearest Neighbors, Convolution Neural Networks, Naive Bayes with Feature Extraction, Multi-layer Perception Neural Networks, and Support Vector Machines with SIFT algorithm on Python
- Compare extraction time, number of matches, and match rate.
- Project Link: https://github.com/chaoyu530/CPS803-Final-Project
- Python, TensorFlow

Three model Calculator (Master Crouse Assignment) London, ON
July 2023 – July 2023

- Create state chart for three model of calculator.
- Using JavaScript and CSS to create a three model and compare them.
- Code Link: https://github.com/chaoyu530/ECE9020_Calculalor
- JavaScript, CSS

Animal Face Classification Based on Deep Learning (Publish) Toronto, ON
Supervisor: Dr. Victor Adamchik July 2021 – Sep 2021

- Implement two traditional CNN algorithms, and two deep learning models based on autoencoders.
- Compare the accuracy of different algorithms, etc.
- Project Link: https://ieeexplore.ieee.org/document/9696023
- Python, TensorFlow