



Terence Chow

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SUMMARY

Motivated student leveraging studies in Computer Science seeks real-world experience as Machine Learning Engineer. 2+ years research experience in ML and CV. Offers strong interpersonal skills, excellent time management and problem-solving skills.

Homepage: <https://terenceylchow124.github.io/>

SKILLS

- **ML Algorithms** (PCA, SVM, KNN), **CV Models** (CNN, R-CNN, FCN, DeepLab), **NLP Models** (LSTM, RNN, BERT).
- **Python ML Tools:** PyTorch, Keras/Tensorflow, OpenCV & Huggingface, Numpy, Scikit-learn, Pandas, Matplotlib.
- **Programming:** Python, Java, C++, C, JavaScript, HTML5, CSS3.
- **Other:** SQL, Cloud server (AWS, GCP), Linux, Matlab.

EDUCATION

Master of Computer Science | Artificial Intelligence (GPA: 4.0/ 4.0) 08/2021

Lakehead University, Thunder Bay, ON

- Student member of Vector Institute.
- Received International Graduate Entrance Scholarship, Faculty Research Scholarship and Faculty of Science and Environmental Studies Scholarship.

Bachelor of Electronic Engineering | Information Engineering (GPA: 3.2/ 4.0) 06/2019

City University of Hong Kong, Hong Kong

- Joined student exchange programme in Université Catholique de Louvain, Belgium.
- Dean's List for 2 consecutive terms in the final year.
- Received Universal P.C.B. Equipment Co., Ltd. Scholarships.

WORK EXPERIENCE

GRADUATE STUDENT TEACHING ASSISTANT 09/2019 to 04/2021

Lakehead University | Thunder Bay, ON

- Collaborated with professors to create course materials and live coding demonstrations to supplement lesson plans on undergraduate and graduate courses.
- Reviewed assignments, proctored tests, and provided grades with feedback according to university standards.
- Mentored students through office hours and one-on-one communication.

SELECTED PROJECTS

Weakly Supervised Semantic Segmentation (2021):

- Replicated state-of-the-art models from research papers.
- Implemented the segmentation ML framework from image preprocessing to model development, training and evaluation.

Multimodal Humor Detection on Meme (2021):

- Cleansed and preprocessed the large-scale multimodal data (Image and text).
- Implemented multimodal model by combining the CNN network (VGG16) with transformer model (ALBERT).

AWS-based Face Recognition Android System (2019):

- Implemented the face recognition mobile APP connecting between android and AWS.