TERENCE CHOW

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github.com/terenceylchow124?tab=repositories

TECHNICAL SKILLS

C/C++ | Python | Java | Javascript | HTML5 | CSS | SQL | MATLAB | Latex | AWS Cloud System

LANGUAGES

Cantonese
Native or Bilingual Proficiency

English
Full Professional Proficiency

Mandarin
Full Professional Proficiency

TRANSFERABLE SKILLS

- Time Management
- Problem Solving
- Communication
- Multi Tasking
- Adaptability
- Teamwork
- Analyzing

EDUCATION

Thesis Master of Computer Science
Lakehead University

09/2019 - Present — *Thunder Bay, Canada*

- Specialization in Artificial Intelligence
- International Graduate Entrance Scholarship (2019)
- Faculty Research Award (2019, 2020)
- Graduate Assistantship (2019, 2020)
- Faculty of Science and Environmental Studies (2020)

Bachelor of Electronic Engineering
City University of Hong Kong

09/2015 - 06/2019 — *Hong Kong*

- Major in Information Engineering
- Universal P.C.B. Equipment Co., Ltd. Scholarships (12/2018)
- Dean's List (12/2018, 04/2019)

TEACHING EXPERIENCE

Graduate Research Assistant
Lakehead University

09/2019 - Present

- Created tutoring sessions by giving instructions and real-time programming demonstrations
- Prepared solutions and marking schemes of assignments
- Reviewed, evaluated and marked assignments and examinations
- Consulted students with subject knowledge as well as general abilities in learning, studying and retaining information

SELECTED RESEARCH PROJECTS

Face recognition using cell phone (09/2018 - 04/2019)
- Built a facial recognition system under android cell phone platform
- Communicated with AWS cloud system with android
- Used Eigenface and CNN as the recognition algorithms
- Used an open source model, faceNet, as a referred model

Decision Fusion-based Ensemble Deep Network (01/2020 - 04/2020)
- Built up the ensemble deep convolutional neural network for scene recognition using MATLAB and Python
- Conducted statistic experiments to analysis the performance of proposed model with image datasets
- Finished the academic conference paper (submitted to IEEE SMC)

Semi-Supervised Clustering Analysis (09/2019 - 08/2020)
- Developed the algorithm on solving semi-supervised clustering problem
- Experienced on handling multiple high dimensional datasets
- Finished the academic journal paper (submitted to IEEE TPAMI)

Weakly-Supervised Image Segmentation (09/2020 - Present)
- Studied the past 5 years state-of-the-art methods of image segmentation
- Organized and prepared the segmentation dataset using pytorch framework
- Experienced on analysis the image segmentation models such as FCN, R-CNN, DeepLab
- Undergoing the methodology by developing the deep model