

WEI-CHENG TSENG

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EDUCATION

University of Toronto

PhD of Computer Science

Sept. 2022 - current

advised by **Prof. Florian Shkurti**

National Tsing Hua University (NTHU)

MS of Electrical Engineering

Sept. 2019 - Feb. 2022

Overall GPA: 4.30/4.30, advised by **Prof. Min Sun**

National Tsing Hua University (NTHU)

BS of Electrical Engineering

Sept. 2015 - June 2019

Overall GPA: 4.17/4.30, **Rank: Top 3% (3rd/109)**

University of California, Berkeley

Summer Session

July. 2017 - Aug 2017

PUBLICATIONS

Yi-Shan Lee, **Wei-Cheng Tseng**, Fu-En Wang, Min Sun, "VMCML: Video and Music Matching via Cross-Modality Lifting", pre-print 2023

Wei-Cheng Tseng, Tsun-Hsuan Wang, Yen-Chen Lin, Phillip Isola, "Offline Multi-Agent Reinforcement Learning with Knowledge Distillation", NeurIPS 2022

Wei-Cheng Tseng, Da-Cheng Juan, Wei Wei, Min Sun, "Meta-CPR: Generalize to Unseen Large Number of Agent with Communication Pattern Recognition Module", pre-print 2022

Wei-Cheng Tseng, Hung-ju Liao, Yen-Chen Lin, Min Sun, "CLA-NeRF: Category-Level Articulated Neural Radiance Field", *ICRA 2022*

Wei-Cheng Tseng, Jin-Siang Lin, Yao-Min Feng, Min Sun, "Toward Robust Long Range Policy Transfer", *AAAI 2021*

Wei-Cheng Tseng, Jin-Siang Lin, Yao-Min Feng, Min Sun, "HAT: Hierarchical Alternative Training for Long Range Policy Transfer", *ICML 2020 workshop*

Wei-Cheng Tseng, Cheng-Kuan Chen, Tayden Li, Min Sun, Hsiao-Chun Huang, "Disentangling Experimental Noise from Fluorescent Microscopy Images with Multiple Cell Type", *NeurIPS 2019 workshop*

Wei-Cheng Tseng, Po-Han Chi, Jia-Hua Wu, Min Sun, "Leveraging Sequence Embedding and Convolutional Neural Network for Protein Function Prediction", *NeurIPS 2018 workshop*

WORK EXPERIENCE

MediaTek

Summer Intern

July 2018 - Oct 2018

Hsinchu, Taiwan

- Integrated a varieties of sensors to collect dataset for radar related application.
- Constructed a demonstration system to verification AI processor
- Developed a signal processing system to estimate the object distance

HONORS AND AWARDS

NovaTek Scholarship

Awarded to students with outstanding research ability

Aug 2021

NovaTek

The Phi Tau Phi Scholastic Honor Society Honorary Membership

Awarded to students with outstanding research ability

Apr 2021

The Phi Tau Phi Scholastic Honor Society of ROC

Dr. Mei Yi-Chi Memorial Prize

Highest honor for newly graduated students at NTHU.

June 2019

NTHU

Academic Achievement Award

Awarded to the top 5 students in the previous semester.

Mar 2016, Sep 2016, Sep 2017, Mar 2018, Sep 2018, Mar 2019

NTHU

Pan Wen Yuan Foundation Scholarship

Only one student in electrical engineering department.

Dec 2018

Pan Wen Yuan Foundation

The Zhu Shun Yi He Qin Scholarship

Only two student in electrical engineering department.

Mar 2017

Summer Oversea Experience Scholarship

Only ten student in electrical engineering department.

Mar 2016

NTHUEE