WEI-CHENG TSENG

PhD applicant for Fall—2022

(+886) 911835093 ⬦ ethanweichengtseng@gmail.com ⬦ https://weichengtseng.github.io

EDUCATION

National Tsing Hua University (NTHU) *Sept. 2019 - current*
MS of Electrical Engineering Overall GPA: 4.30/4.30, advised by **Prof. Min Sun**

National Tsing Hua University (NTHU) *Sept. 2015 - June 2019*
BS of Electrical Engineering Overall GPA: 4.17/4.30, **Rank: Top 3% (3rd/109)**

University of California, Berkeley *July. 2017 - Aug 2017*
Summer Session

PUBLICATIONS

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

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

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 July 2018 - Oct 2018
Summer Intern *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 Aug 2021
Awarded to students with outstanding research ability *NovaTek*
The Phi Tau Phi Scholastic Honor Society Honorary Membership Apr 2021
Awarded to students with outstanding research ability *The Phi Tau Phi Scholastic Honor Society of ROC*
Dr. Mei Yi-Chi Memorial Prize June 2019
***Highest honor** for newly graduated students at NTHU.* *NTHU*
Academic Achievement Award Mar 2016, Sep 2016, Sep 2017, Mar 2018, Sep 2018, Mar 2019
*Awarded to the **top 5 students** in the previous semester.* *NTHU*
Pan Wen Yuan Foundation Scholarship Dec 2018
*Only **one** student in electrical engineering department.* *Pan Wen Yuan Foundation*
The Zhu Shun Yi He Qin Scholarship Mar 2017
*Only **two** student in electrical engineering department.*
Summer Oversea Experience Scholarship Mar 2016
*Only **ten** student in electrical engineering department.* *NTHUEE*

TECHNICAL STRENGTHS

Computer Languages	C/C++, python, JavaScript/TypeScript, HTML, CSS, MATLAB
Hardware Development	FPGA, Ardunio, Verilog
Language	TOEFL (total: 102)