Sin-Han Yang

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EDUCATION

B.S, National Taiwan University   Sep. 2019 - Now
Major in Computer Science and Information Engineering, GPA: 4.16/4.3
Double major in Physics

Exchange Student, University of Birmingham   Sep. 2022 – Jan. 2023
College of Engineering and Physical Sciences

RESEARCH EXPERIENCE

Visiting Student, Computer Science and Engineering Department, UC San Diego
                                        Advisor: Tsui-Wei (Lily) Weng. July 2022 – Now
- Focus on the interpretability of neural network.
- Use model's explanations to improve the performance on continual learning.

Lab Member, Natural Language Processing Laboratory, National Taiwan University
                                        Advisor: Hsin-Hsi Chen. Nov. 2021 - Now
- Focus on fake news detection, using non-traditional approach such as interpretability.
- Gain the ability to find interesting topics, and implement ML projects.

Research Assistant, Research Center for Information Technology Innovation, Academia Sinica
                                        Advisor: Gen-Cher Lee. Jan. 2021 – Jan. 2022
- Modify communication software's source code to extend functionality.
- Gain the ability to understand, modify and test big open source software.

Research Assistant, Center for Quantum Frontier of Research and Technology, NCKU
                                        Advisor: Yueh-Nan Chen. Jul. 2020 – Aug. 2020
- Derive the theory and do experiments on "Quantum Steering" effect.
- Use IBMQ's python module to simulate qubit, then apply to real data.

HONORS & AWARDS

NTU Y.L.LIN Scholarship   June 2022
NTU Dean's list award   Nov. 2021
IPHO (International Physics Olympics) Taiwan team alternate player   Apr. 2018

SKILLS

Computer
- Python, pytorch, C/C++, mySQL

Language
- Mandarin (native)
- Taiwanese(fluent)
- English (fluent): TOEFL: 99/120 (R:27/30, L:25/30, S:23/30, W:24/30)