**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)