

Sin-Han Yang

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Education

National Taiwan University

B.S. IN COMPUTER SCIENCE AND ENGINEERING

- Double Major in Physics
- GPA: 4.08/4.3

Taipei, Taiwan

Sept. 2019 - PRESENT

University of Birmingham

EXCHANGE STUDENT IN COMPUTER SCIENCE

Birmingham, U.K

Sept. 2022 - Jan. 2023

Research Experience

Computer Science and Engineering Department, UC San Diego

VISITING STUDENT

- Advisor: Tsui-Wei (Lily) Weng
- Focus on the interpretability of neural network
- Use model's explanations to improve the performance on continual learning

San Diego, U.S.A

Jun. 2022 - PRESENT

Nature Language Processing Laboratory, NTU

LAB MEMBER

- Advisor: Hsin-Hsi Chen
- Focus on fake news detection, using non-traditional approach such as interpretability
- Gain the ability to find interesting topics, and implement ML projects

Taipei, Taiwan

Nov. 2021 - PRESENT

Research Center for Information Technology Innovation, Academia Sinica

RESEARCH ASSISTANT

- Advisor: Gen-Cher Lee
- Modify communication software's source code to extend functionality
- Gain the ability to understand, modify and test big open source software

Taipei, Taiwan

Jan. 2021 - Jan. 2022

Center for Quantum Frontier of Research and Technology, NCKU

RESEARCH ASSISTANT

- Advisor: Yueh-Nan Chen
- Derive the theory and do experiments on "Quantum Steering" effect
- Use IBMQ's python module to simulate qubit, then apply to real data

Tainan, Taiwan

Jul. 2020 - Aug. 2020

Honors & Awards

2022 **NTU Y.L.LIN Scholarship,**

Taipei, Taiwan

2021 **NTU Dean's list award,**

Taipei, Taiwan

2018 **Alternate player,** IPHO (International Physics Olympics) Taiwan team

Taipei, Taiwan

Skills

Programming Python, PyTorch, C/C++, MySQL

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