

Sixuan Wu

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Education

- 2018–present **Ph.D. in Computer Science and Technology**, Fudan University
- Research Focus: **Quantum Machine Learning**
 - Westlake University-Fudan University joint PhD program
 - Supervisors: Prof. [Yue Zhang](#) WestlakeNLP Lab / Prof. [Jian Li](#) Condensed Matter Theory Lab
- 2014–2018 **BEng in Electronic and Information Engineering**, University of Shanghai for Science and Technology
- GPA: 4.10 / 4.50, ranked 1st in department
 - Supervisors: Prof. Yiming Zhu / Prof. Li Ding Terahertz Technology Innovation Research Institute

Publications

- 2024 **Sixuan Wu**, Yue Zhang and Jian Li. Quantum Data Parallelism in Quantum Neural Networks. (Submitted)
- 2021 **Sixuan Wu**, Jian Li, Peng Zhang and Yue Zhang. Natural Language Processing Meets Quantum Physics: A Survey and Categorization, Empirical Methods in Natural Language Processing (EMNLP).

Projects

- 2020-2023 Westlake Multidisciplinary Research Initiative Center (MRIC) Seed Fund: Quantum Algorithms for Molecular Dynamics Simulations.

Awards

- 2019 Zhejiang Lab Cup Global AI Competition - **Second Prize** in Video Captioning Track
- 2017 Mathematical Contest in Modeling - **Meritorious Winner**
- 2017 "Challenge Cup" Technology Innovation Competition - **National Second Prize**
- 2018 **Shanghai Scholarship** (Top 1%)
- 2018 **Outstanding Graduate of Shanghai** (Top 1%)
- 2022 Three-Minute Thesis Competition, Westlake University - Second Prize
- 2018-2023 Outstanding Student Scholarship, Fudan University

Skills and Abilities

- Programming **Python**, C/C++, Matlab, \LaTeX
- Frameworks **PennyLane**, **Qiskit**, **Tensorflow**, **Torch**, Yao, Qibo
- Languages CET-6, Fluent in oral and written English.
- Software Proficient in PowerPoint/Word, with excellent documentation and comprehension skills

Services

- 2021-2023 IJCAI 2021, EMNLP 2021, EMNLP 2022

Reviewer