

ZHAO MA

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🎓 EDUCATION

The University of Texas at Dallas, Texas, US 2024 – Current

PhD Student in Computer Science

Advisor: Andrew Nemec

The Pennsylvania State University, University Park, Pennsylvania, US 2021 – 2023

M.S. in Informatics

Advisor: Justin Silverman

Soochow University, Jiangsu, China 2016 – 2020

B.S. in Physics

Advisor: Chengjie Zhang

🔬 RESEARCH EXPERIENCE

The University of Texas at Dallas richardson, US 2024 – Current

PhD Student Advisor: Andrew Nemec

Quantum Information, Quantum Error Correction

The Silverman Lab at Penn State University State College, US 2021 – 2023

Student Researcher Advisor: Justin Silverman

Bioinformatics, Statistics, Compositional Analysis

- Error in Scale Reliant Covariation Analysis

Quantum Information Laboratory of Soochow University 2017 – 2019

Student Researcher Advisor: Chengjie Zhang

Quantum Information, Quantum Resource Theory

- Detecting and Estimating Coherence Based on Coherence Witnesses

⚙️ SKILLS

- Programming Languages: Python, C/C++, R

📖 PUBLICATION

- **Zhao Ma**, Zhou Zhang, Yue Dai, Yuli Dong, and Chengjie Zhang, "Detecting and estimating coherence based on coherence witnesses", *Phys. Rev. A* 103, 012409, 2021.