

Jinming Xing

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EDUCATION

North Carolina State University

Sep 2023 – Present

- PhD in Computer Science
- **Research Interest:** Graph Neural Networks, Large Language Models

Shenzhen University

Sep 2019 – Jun 2023

- B.S. in Computer Science (Honored)
- **Coursework:** Probabilities, Linear Algebra, Data Structures and Algorithms, Computer Networks, Internet of Things, Cloud Computing, Database, Machine Learning, Practical Deep Learning, Computer Vision

SKILLS

- Python, C/C++, PyTorch, Hadoop, Spark, Flask, MySQL, Numpy, Pandas, Scikit-learn, Matplotlib, Seaborn
- CNNs, RNNs, GNNs, Transformers, LLM (LlamaIndex, Ollama)

SELECTED PAPERS & RESEARCH EXPERIENCE

Research Assistant

North Carolina State University

Oct 2023 – Present

- **Jinming Xing**, Muhammad Shahzad. "A Reinforcement Learning Framework for Application-Specific TCP Congestion-Control." (2024)
- **Jinming Xing**, Guoheng Sun, Hui Sun, et al. "NetSight: Graph Attention Based Network Traffic Forecasting." (2025)

Research Assistant

Shenzhen University

Jun 2021 – Jul 2023

- **Jinming Xing**, Can Gao, Jie Zhou. "Weighted fuzzy rough sets-based tri-training and its application to medical diagnosis." Applied Soft Computing 124 (2022): 109025.
- Can Gao, Jie Zhou, **Jinming Xing**, et al. "Parameterized maximum-entropy-based three-way approximate attribute reduction." International Journal of Approximate Reasoning 151 (2022): 85-100.

FOUNDATIONS

- National College Students Innovation and Entrepreneurship Training Project, 2021, **20k RMB**
- Guangdong Province Science and Technology Innovation Strategy Special Fund Project, 2022, **20k RMB**

INVITED TALKS

- The Fundamental Models of Graph Neural Networks and Their Applications, Jharkhand Rai University, India, May 2025

SERVICES

- Teaching Assistant: Computer Network (Grad), Data Structures and Algorithms (Undergrad), Senior Design (Undergrad)
- Editorial Member: [WWW'25 \(Short Paper Track\)](#), [AMLDS'25](#), [ICINT'25](#)
- Reviewer: [WWW'25 \(Main Track\)](#), [TKDD](#), [IJCNN'25](#), [Soft Computing](#), [Knowledge-Based Systems](#), [Expert Systems With Applications](#), [IJAR](#), [Applied Soft Computing](#), [NeruoComputing](#), [The Journal of Supercomputing](#)