

# Jinming Xing

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## EDUCATION

### North Carolina State University

Sep 2023 – Present

- Ph.D. in Computer Science.
- **Research Interest:** Machine Learning, Deep Learning, 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
- ML (classification, regression, clustering), DL (CNNs, RNNs, GNNs, Transformers, LLM).

## RESEARCH EXPERIENCE

### Research Assistant

#### North Carolina State University

Oct 2023 – Now

- **Jinming Xing**, Muhammad Shahzad. "A Reinforcement Learning Framework for Application-Specific TCP Congestion-Control." WoWMoM'25 [Under Review].
- **Jinming Xing**, Guoheng Sun, Hui Sun, et al. "NetSight: Graph Attention Based Network Traffic Forecasting." SIGIR'25 [Under Review].
- **Jinming Xing**, Zhaomin Xiao, Yingyi Wu, et al. "Network Traffic Forecasting via Fuzzy Spatial-Temporal Fusion Graph Neural Networks." ISCM'24, pp. 282-286. IEEE, 2024.
- **Jinming Xing**, Ruilin Xing, Qisen Cheng, et al. "Enhancing Link Prediction with Fuzzy Graph Attention Networks and Dynamic Negative Sampling." ISMSI'25. ACM, 2025.
- **Jinming Xing**, Qisen Cheng, Dongwen Luo, et al. "Comparative Analysis of Pooling Mechanisms in LLMs: A Sentiment Analysis Perspective." ISMSI'25. ACM, 2025.
- **Jinming Xing**, Chang Xue, Dongwen Luo, et al. "FGATT: A Robust Framework for Wireless Data Imputation Using Fuzzy Graph Attention Networks and Transformer Encoders." ISMSI'25. ACM, 2025.
- **Jinming Xing**, Dongwen Luo, Qisen Cheng, et al. "Multi-view Fuzzy Graph Attention Networks for Enhanced Graph Learning." ISMSI'25. ACM, 2025.
- Qisen Cheng, **Jinming Xing**, Chang Xue, and Xiaoran Yang. "Unifying Prediction and Explanation in Time-Series Transformers via Shapley-based Pretraining." CSPA'25. IEEE, 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.

## SERVICES

- Teaching Assistant: Computer Network (Grad), Data Structures and Algorithms (Undergrad)
- Editorial Member: [IJNLC](#), [CACML'25](#), [AMLDs'25](#), [ICINT'25](#), [WWW'25 \(Short Paper Track\)](#), [ISPR'25](#)
- Reviewer: [WWW'25 \(Main Track\)](#), [TKDD](#), [IJCNN'25](#), [Soft Computing](#), [Knowledge-Based Systems](#), [Expert Systems With Applications](#), [IJAR](#), [TFSS](#), [IJCSMA](#), [AAIML](#), [MLR](#), [CEEIT'25](#), [CVML'25](#)