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). GPA: 3.92/4.
- **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." WWW'25 [Under Review].
- **Jinming Xing**, Guoheng Sun, Hui Sun, et al. "Global-Local Spatial-Temporal Aware Graph Attention Network for Network Traffic Forecasting." WWW'25 [Under Review].
- **Jinming Xing**, Zhaomin Xiao, Yingyi Wu, et al. "Network Traffic Forecasting via Fuzzy Spatial-Temporal Fusion Graph Neural Networks." In 2024 11th international conference on soft computing & machine intelligence (ISCMI). IEEE, 2024.
- **Jinming Xing**, Ruilin Xing. "Enhancing Link Prediction with Fuzzy Graph Attention Networks and Dynamic Negative Sampling." arXiv preprint arXiv:2411.07482 (2024).
- **Jinming Xing**, Ruilin Xing, Yan Sun. "Comparative Analysis of Pooling Mechanisms in LLMs: A Sentiment Analysis Perspective." arXiv preprint arXiv:2411.14654 (2024).
- **Jinming Xing**, Ruilin Xing, Yan Sun. "FGATT: A Robust Framework for Wireless Data Imputation Using Fuzzy Graph Attention Networks and Transformer Encoders." arXiv preprint arXiv:2412.01979 (2024).
- **Jinming Xing**, Dongwen Luo, Qisen Cheng, Chang Xue, and Ruilin Xing. "Multi-view Fuzzy Graph Attention Networks for Enhanced Graph Learning." arXiv preprint arXiv:2412.17271 (2024).

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), TFSS, IJCSMA, AAIML, IJCNN'25, Soft Computing, MLR, CEEIT'25, Knowledge-Based Systems, CVML'25