JINHAO PAN

(979)209-9726 ⋄ jpan23@gmu.edu ⋄ Fairfax, Virginia, 22030

EDUCATION

George Mason University, Fairfax *August 2024 - May 2028 (Expected)*
Ph.D. in Computer Science Advisor: Dr. Ziwei Zhu

Texas A&M University, College Station *December 2023 | GPA: 4.0/4.0*
Master of Science (thesis Master degree) in Computer Science Advisor: Dr. James Caverlee

Texas A&M University, College Station *May 2021 | GPA: 3.7/4.0*
Bachelor of Science in Computer Engineering

RESEARCH INTERESTS

I am broadly interested in **Large Language Models** (LLMs), **data mining**, **machine learning**, and **information retrieval**, specifically in enhancing AI-powered systems' responsibility, fairness, and trustworthiness to better serve both users and society.

PUBLICATIONS

EMNLP25
Findings
Jinhao Pan, Chahat Raj, Ziyu Yao, Ziwei Zhu, "What's Not Said Still Hurts: A Description-Based Evaluation Framework for Measuring Social Bias in LLMs", The 2025 Conference on Empirical Methods in Natural Language Processing.

WSDM25
Jinhao Pan, James Caverlee, Ziwei Zhu, "Combating Heterogeneous Model Biases in Recommendations via Boosting", The 18th ACM International Conference on Web Search and Data Mining, 2025.

ECIR24
IR4Good
Jinhao Pan, Ziwei Zhu, Jianling Wang, Allen Lin, James Caverlee, "Countering Mainstream Bias via End-to-End Adaptive Local Learning", The 46th European Conference on Information Retrieval, 2024.

PREPRINT

arXiv25
Jinhao Pan, Chahat Raj, Ziwei Zhu, "Discovering Bias Associations through Open-Ended LLM Generations", arXiv:2508.01412, 2025

EXPERIENCE

INFO Lab, George Mason University, Fairfax *August 2024 - Present*
Graduate Research Assistant

Department of Computer Science, George Mason University, Fairfax *August 2024 - May 2025*
Graduate Teaching Assistant
- CS 112, Introduction to Computer Programming: Fall 2024, Spring 2025

INFO Lab, Texas A&M University, College Station *August 2021 - December 2023*
Student Researcher

TECHNICAL STRENGTHS

Programming Languages: Python, C, C++, Java, SQL
Libraries & Tools: PyTorch, TensorFlow, Transformer, Hugging Face, Numpy, Pandas, LaTeX

ACADEMIC ACHIEVEMENTS & SERVICES

- **Journal Reviewer**: ACM Transactions on Recommender Systems (TORS), ACM Transactions on Intelligent Systems and Technology (TIST), IEEE Transactions on Knowledge and Data Engineering (TKDE), ACM Transactions on Autonomous and Adaptive Systems (TAAS)

- **Conference Reviewer**: KDD 2024, ACML 2024