MING YIN

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EDUCATION

Duke University *Aug 2024 - Present*
Ph.D. in Electrical and Computer Engineering
⋄ Advisor: Prof. Yiran Chen

University of Science and Technology of China *Sept 2020 - June 2024*
School of the Gifted Young (Honor School)
B.E. in Computer Science
⋄ Advisor: Prof. Weiming Zhang

PUBLICATIONS

* indicates equal contribution

[1] **LiveMCP-101: Stress Testing and Diagnosing MCP-enabled Agents on Challenging Queries**
Ming Yin, Dinghan Shen, Silei Xu, Sixun Dong, Mian Zhang, Yebowen Hu, ..., Yiran Chen, Kaiqiang Song
preprint
Media coverage: Synced, AK

[2] **Which Agent Causes Task Failures and When? On Automated Failure Attribution of LLM Multi-Agent Systems**
Shaokun Zhang*, **Ming Yin***, Jieyu Zhang, ..., Beibin Li, Chi Wang, Huazheng Wang, Yiran Chen, Qingyun Wu
ICML 2025 **(Spotlight, Top 2.6%)**
Media coverage: Synced, AIEra, QbitAI

[3] **Poisoning Federated Recommender Systems with Fake Users**
Ming Yin*, Yichang Xu*, Minghong Fang and Neil Gong
The Web Conference 2024 (WWW 2024)

[4] **Robust Federated Learning Mitigates Client-side Training Data Distribution Inference Attacks**
Yichang Xu*, **Ming Yin***, Minghong Fang and Neil Gong
The Web Conference 2024 (WWW 2024)

[5] **LoBAM: LoRA-Based Backdoor Attack on Model Merging**
Ming Yin, Jingyang Zhang, Jingwei Sun, Minghong Fang, Hai Li, Yiran Chen
ICLR 2025 Workshop

[6] **Keyframe-oriented Vision Token Pruning: Enhancing Efficiency of Large Vision Language Models on Long-Form Video Processing**
Yudong Liu, Jingwei Sun, Yueqian Lin, Jingyang Zhang, **Ming Yin**, Qinsi Wang, Jianyi Zhang, Hai Li, Yiran Chen
ICCV 2025

[7] **Complex Logical Instruction Generation**
Mian Zhang, Shujian Liu, Sixun Dong, **Ming Yin**, Yebowen Hu, Xun Wang, Zhiyu Zoey Chen, Kaiqiang Song
preprint

[8] **MMTok: Multimodal Coverage Maximization for Efficient Inference of VLMs**
Sixun Dong, Juhua Hu, Mian Zhang, **Ming Yin**, Yanjie Fu, Qi Qian
preprint

INDUSTRIAL EXPERIENCE

Zoom, Research Intern *May 2025 - Aug 2025*
Mentor: Dr. Kaiqiang Song, Dr. Dinghan Shen Seattle, WA

HONORS AND AWARDS

◇ **Duke ECE Travel Fellowship** *2025*
◇ **Duke PhD First Year Fellowship** *2024*
◇ **USTC Fellowship for Undergraduated Students** *2024*
◇ **Excellent Student Scholarship Gold** *(Top 3%)* *2023*
◇ **Qiangwei Progress Scholarship** *(Top 5%)* *2023*
◇ **Excellent Student Scholarship Gold** *(Top 3%)* *2021*

SERVICE

Reviewer Service
EMNLP 2025, ICLR 2025, ICCV 2025, NeurIPS 2025, TDSC

Teaching
Teaching Assistant - ECE 661 Computer Engineering Machine Learning and Deep Neural Nets *Fall 2025*