

# MING YIN

 mingyin1.github.io

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 Google Scholar

## EDUCATION

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### Duke University

*Ph.D. in Electrical and Computer Engineering*

◇ Advisor: Prof. Yiran Chen

Aug 2024 - Present

### University of Science and Technology of China

*School of the Gifted Young (Honor School)*

*B.E. in Computer Science*

◇ Advisor: Prof. Weiming Zhang

Sept 2020 - June 2024

## PUBLICATIONS

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\* indicates equal contribution

- [1] **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](#)
- [2] **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](#), [Elvis](#)
- [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

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**Zoom**, Research Intern

May 2025 - Aug 2025

Worked on **Agent Tool Calling**, produced one first-author paper ([LiveMCP-101](#)).

Seattle, WA

## SELECTED AWARDS

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◊ Duke ECE Travel Fellowship	2025
◊ Duke PhD First Year Fellowship	2024
◊ Excellent Student Scholarship Gold ( <i>Top 3%</i> )	2023
◊ Qiangwei Progress Scholarship ( <i>Top 1%</i> )	2023
◊ ICPC Asia Regional Contests ( <i>Top 5%</i> )	2022
◊ Excellent Student Scholarship Gold ( <i>Top 3%</i> )	2021
◊ First Prize of Chinese Physics Olympiad ( <i>Top 0.04%</i> )	2019

## SERVICE

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### Reviewer Service

ICLR 2026, EMNLP 2025, ICLR 2025, ICCV 2025, NeurIPS 2025, TDSC

### Teaching

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

Fall 2025