



# MING YIN

 [mingyin1.github.io](https://github.com/mingyin1) ·  [ming.yin@duke.edu](mailto:ming.yin@duke.edu) ·  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

## HONORS AND AWARDS

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

## 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*