

ZHANG, MINXING

 CISPA Helmholtz Center for Information Security, Germany

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Education

2022.10 - Now	CISPA Helmholtz Center for Information Security, Germany	
	Supervisor: Prof. Michael Backes	Ph.D. Student
2021.04 - 2022.09	CISPA Helmholtz Center for Information Security, Germany	
	Supervisor: Prof. Michael Backes	Preparatory-phase Student
2016.09 - 2020.06	Shandong University, China	Computer Science and Technology (Elite)
	Advisor: Prof. Zhaochun Ren	Bachelor

Working

2023.10 - 2024.03	Saarland University, Germany	
	Lecture: Robustness in Machine Learning	Teaching Assistant
2020.07 - 2021.01	Shandong University	Computer Science and Technology
	Advisor: Prof. Zhaochun Ren	Research Assistant

Research Interests

- Trustworthy Machine Learning, Security & Privacy in AI
- My research scope includes, but is not limited to Language Model, Computer Vision, and Information Retrieval.

Services

- Official Invited Reviewer:
 - ACM International Conference on Multimedia (MM), ACM, 2025.

Publications

(* equal contribution, † corresponding author)

- 1 DivTrackee versus DynTracker: Promoting Diversity in Anti-Facial Recognition against Dynamic FR Strategy.
*Wenshu Fan**, **Minxing Zhang***, Hongwei Li, Wenbo Jiang[†], Hanxiao Chen, Xiangyu Yue, Michael Backes, Xiao Zhang[†]. In ACM SIGSAC Conference on Computer and Communications Security (CCS), ACM, 2025.
(This paper was awarded as the **Distinguished Paper**.)
- 2 Generated Distributions Are All You Need for Membership Inference Attacks Against Generative Models.
Minxing Zhang, Ning Yu, Rui Wen, Michael Backes, Yang Zhang. In IEEE/CVF Winter Conference on Applications of Computer Vision (WACV), IEEE, 2024.

- 3 Generating Less Certain Adversarial Examples Improves Robust Generalization.
Minxing Zhang, *Michael Backes, Xiao Zhang*. In Transactions on Machine Learning Research (TMLR), JMLR, 2024.
(This paper was invited to **ICLR** 2025.)
- 4 Membership Inference Attacks Against Recommender Systems.
Minxing Zhang^{*}, *Zhaochun Ren*^{†*}, *Zihan Wang*^{*}, *Pengjie Ren*, *Zhunmin Chen*, *Pengfei Hu*, *Yang Zhang*[†]. In ACM SIGSAC Conference on Computer and Communications Security (CCS), ACM, 2021.
- 5 Invisibility Cloak: Disappearance under Human Pose Estimation via Backdoor Attacks.
Minxing Zhang, *Wenshu Fan*, *Wenbo Jiang*, *Shui Yu*, *Michael Backes*, *Xiao Zhang*. Preprint, arXiv.
- 6 Vera Verto: Multimodal Hijacking Attack.
Minxing Zhang, *Ahmed Salem*, *Michael Backes*, *Yang Zhang*. Preprint, arXiv.