Zhanting Zhou

Postgraduate, Network and Data Security Lab, School of Information and Software Engineering,
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EDUCATION

University of Electronic Science and Technology of China, Chengdu, China — 09 2023 — 06 2026
Master of Science in Software Engineering — Cumulative GPA: 3.59/4.00
2023-2025 Academic third class scholarship
2024-2025 Academic Young Seedling Award of UESTC

Xinan Minzu University, Chengdu, China — 09 2019 — 06 2023
Bachelor of Science in Communication Engineering
Passed CET-6

ACADEMIC EXPERIENCE

State Key Laboratory of Internet of Things for Smart City, University of Macau — Macau, China
Research Assistant — 01 2025 — 02 2026

- Engaged in research on **Federated Domain Unlearning** and **Vision Language Model Inference on Mobile System** under Dr.Kahou Tam & Prof.Li Li..

FIRST-AUTHOR PUBLICATIONS

Key Words: Federated Learning, Machine Unlearning, Graph Learning, Vision Language Model.
Scope: Data Governance, Privacy, Inference Accelerate.

SOLO PUBLICATIONS

Published:

[1] Zhanting Zhou et al., HKTGNN: Hierarchical Knowledge Transferable Graph Neural Network-based Supply Chain Risk Assessment, 2023 IEEE Intl Conf on Parallel & Distributed Processing with Applications (ISPA), 772–782, 2023, IEEE.

Submitted:

[2] Zhanting Zhou et al., FedIA: A Plug-and-Play Importance-Aware Gradient Pruning Aggregation Method for Domain-Robust Federated Graph Learning on Node Classification, 2026 AAAI.

[3] Zhanting Zhou et al., Diagnosis-driven and Modality-aware Unlearning: A Hierarchical Gradient Surgery for Multimodal Recommendation, 2026 WWW.

[4] Zhanting Zhou*, Jinshan Lai* et al., FedSSG: Expectation-Gated and History-Aware Drift Alignment for Federated Learning, 2026 ICASSP.

[5] Zhanting Zhou et al., MAGIA: Sensing Per-Image Signals from Single-Round Averaged Gradients for Label-Inference-Free Gradient Inversion , 2026 ICASSP.

In-Progress:

[6] Zhanting Zhou et al., Rethink of Privacy Leakage from Unlearning: A Practical Evaluation within Unlearning Inversion Attacks, 2026 CVPR.

PUBLICATIONS Under RA

Submitted:

[7] Kahou Tam*, Zhanting Zhou*, Li Li, Huazhu Fu et al., FU-DWS: Effective Federated Unlearning via Domain-aware Weight Surgery, 2026 ICLR

[8] Kahou Tam*, Kewei Xu*, Zhanting Zhou*, Li Li, Huazhu Fu et al., Towards Federated Domain Unlearning: Verification Methodologies and Challenges, 2026 ICLR.

In-Progress:

[9] Kahou Tam*, Zhanting Zhou*, Li Li et al., Inference Acceleration for multi-task Vision Language Models on Mobile Device for certain Human-Computer Interaction (temporal), 2026 MobiSys.

[0] $(\cdot)^*$ means equal contribution.