



KEMOU LI^{ID}

Ph.D. Student @ University of Macau

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N21-5006, University of Macau

EDUCATION

University of Macau

Ph.D. in Computer Science

- Supervisor: Prof. Jiantao Zhou

2024 – Present

Macao, China

University of Macau

M.Sc. in Artificial Intelligence Applications (Research Track)

- Supervisor: Prof. Jiantao Zhou
- Master Thesis: *Regroup Median Loss for Combating Label Noise*

2021 – 2023

Macao, China

Sun Yat-sen University

B.Sc. in Mathematics and Applied Mathematics

- Supervisor: Prof. Zhiwei Wu
- Bachelor Thesis: *The Representation of Lie Algebra of G₂-Type and Associated Integrable Functions*

2017 – 2021

Guangzhou, China

RESEARCH EXPERIENCE

Research Assistant / Intern

State Key Laboratory of Internet of Things for Smart City (SKL-IoTSC), University of Macau

Aug. 2021 – Present

Macao, China

RESEARCH INTERESTS

Trustworthy Machine Learning: LLM Unlearning, Adversarial Training, Learning with Noisy Labels

AI Security and Forensics: Forgery Detection, Backdoor Learning, Membership Inference

PUBLICATIONS (* = EQUAL CONTRIBUTION)

Preprints

- LLM Unlearning with LLM Beliefs

Kemou Li, Qizhou Wang, Yue Wang, Fengpeng Li, Jun Liu, Bo Han, Jiantao Zhou
arXiv preprint, submitted to ICLR-26



Conferences & Journals

- Toward Robust Deep Learning via Core Feature-aware Adversarial Training

Fengpeng Li*, Kemou Li*, Haiwei Wu, Jinyu Tian, Jiantao Zhou

IEEE Transactions on Information Forensics and Security (TIFS), 2025 [CCF A]



- RML++: Regroup Median Loss for Combating Label Noise

Fengpeng Li, Kemou Li, Qizhou Wang, Bo Han, Jinyu Tian, Jiantao Zhou

International Journal of Computer Vision (IJCV), 2025 [CCF A]



- FontGuard: A Robust Font Watermarking Approach Leveraging Deep Font Knowledge

Kahim Wong, Jicheng Zhou, Kemou Li, Yain-Whar Si, Xiaowei Wu, Jiantao Zhou

IEEE Transactions on Multimedia (TMM), 2025 [Tsinghua A]



- DAT: Improving Adversarial Robustness via Generative Amplitude Mix-up in Frequency Domain

Fengpeng Li, Kemou Li, Haiwei Wu, Jinyu Tian, Jiantao Zhou

In *The 38th Annual Conference on Neural Information Processing Systems (NeurIPS-24)*, 2024 [CCF A]



- Regroup Median Loss for Combating Label Noise

Fengpeng Li, Kemou Li, Jinyu Tian, Jiantao Zhou

In *The 38th AAAI Conference on Artificial Intelligence (AAAI-24)*, 2024 [CCF A] [Oral, 2.2%]



Under Review

- **Editprint: General Digital Image Forensics via Editing Fingerprint with Self-Augmentation Training**
Haiwei Wu, **Kemou Li**, Yuanman Li, Jiantao Zhou
Submitted to CVPR-26
- **AEGIS: Adversarial Target-Guided Retention-Data-Free Robust Concept Erasure from Diffusion Models**
Fengpeng Li, **Kemou Li**, Qizhou Wang, Bo Han, Jiantao Zhou
Submitted to ICLR-26
- **CASCADE: Coarse-to-Fine Conformal Backdoor Detection in Multimodal Contrastive Learning**
Yiming Chen, **Kemou Li**, Haiwei Wu, Jiantao Zhou
Submitted to IEEE TIFS
- **Evading Passive Image Forensics via Source Trace Modeling and Attentive Adversarial Manipulation**
Haiwei Wu, Fengpeng Li, **Kemou Li**, Yuanman Li, Jiantao Zhou, Cong Wang
Submitted to IEEE TDSC

AWARDS & HONOURS

Inclusion·The Global Multimedia Deepfake Detection (Image Track) (Organized by Ant Group)	Sept. 2024
🏆 1st Place (1/706), JTGroup Team. [NEWS]	Prize: 100,000 CNY

TEACHING EXPERIENCE

Teaching Assistant

Department of Computer and Information Science, Faculty of Science and Technology, University of Macau

- [GEST1009] (G) Multimedia Technology in Modern Society, Fall 2025
- [CISC7202] (PG) Tools for Machine Learning, Spring 2025
- [CISC7014] (PG) Advanced Topics in Computer Science (Image Processing and Pattern Recognition), Fall 2024

PROFESSIONAL SERVICES

Journal Reviewer

- IEEE Transactions on Information Forensics and Security (*TIFS*)

Conference Reviewer / Program Committee

- Conference on Computer Vision and Pattern Recognition (*CVPR*), 2026
- International Conference on Learning Representations (*ICLR*), 2026
- Conference on Neural Information Processing Systems (*NeurIPS*), 2025
- International Conference on Machine Learning (*ICML*), 2025
- Asia-Pacific Signal and Information Processing Association Annual Summit and Conference (*APSIPA ASC*), 2024–2025

TECHNICAL SKILLS

Programming: Python, PyTorch, LaTeX

Languages: English (*fluent*), Mandarin (*native*), Teochew (*native*), Cantonese (*basic*)