



# KEMOU LI<sup>ID</sup>

Ph.D. Student @ University of Macau

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N21-5006, University of Macau

## EDUCATION

### University of Macau

Ph.D. in Computer Science

2024 – Present

Macao, China

- Advisor: Prof. Jiantao Zhou

- Research Interests: *Trustworthy Machine Learning, e.g., Machine Unlearning for LLMs*

### University of Macau

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

2021 – 2023

Macao, China

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

### Sun Yat-sen University

B.Sc. in Mathematics and Applied Mathematics

2017 – 2021

Guangzhou, China

- Advisor: Prof. Zhiwei Wu
- Bachelor Thesis: *The Representation of Lie Algebra of G<sub>2</sub>-Type and Associated Integrable Functions*

## ACADEMIC EXPERIENCE

### Research Intern

TMLR Group, Department of Computer Science, Hong Kong Baptist University

Jan. 2025 – Present

(Remote) Hong Kong, China

- Mentor: Dr. Qizhou Wang and Prof. Bo Han

### Research Assistant

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

Aug. 2021 – Present

Macao, China

- Collaborator: Dr. Fengpeng Li and Prof. Haiwei Wu

## PUBLICATIONS (\* = EQUAL CONTRIBUTION)

### Conference Papers

- **LLM Unlearning with LLM Beliefs**



Kemou Li, Qizhou Wang, Yue Wang, Fengpeng Li, Jun Liu, Bo Han, Jiantao Zhou

In *The 14th International Conference on Learning Representations (ICLR-26)*, 2026 [\[Tsinghua A\]](#)

- **AEGIS: Adversarial Target-Guided Retention-Data-Free Robust Concept Erasure from Diffusion Models**



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

In *The 14th International Conference on Learning Representations (ICLR-26)*, 2026 [\[Tsinghua A\]](#)

- **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%]**

### Journal Papers

- **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](#)]



## 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
- **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 & HONORS

Inclusion-The Global Multimedia Deepfake Detection Challenge (Image Track) (Organized by Ant Group)	Sept. 2024
🏆 Champion (1/706), JTGroup Team [ <a href="#">NEWS</a> ]	Prize: 100,000 CNY

## TEACHING EXPERIENCE

### Teaching Assistant

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

- [CISC8001] (PG) Principles of Artificial Intelligence, Spring 2026
- [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

- European Conference on Computer Vision (ECCV), 2026
- Conference on Computer Vision and Pattern Recognition (CVPR), 2026
- International Conference on Machine Learning (ICML), 2026
- International Conference on Learning Representations (ICLR), 2026
- Conference on Neural Information Processing Systems (NeurIPS), 2025

### Session Chair

- Asia-Pacific Signal and Information Processing Association Annual Summit and Conference (APSIPA ASC), 2024

## TECHNICAL SKILLS

**Programming:** Python, PyTorch, LaTeX

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