KEMOU LI

Ph.D. Student @ University of Macau

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EDUCATION

University of Macau   **2024 – Present**
Ph.D. in Computer Science   *Macao, China*
- Advisor: Prof. Jiantao Zhou
- Research Interests: *Trustworthy Machine Learning, e.g., Machine Unlearning for LLMs*

University of Macau   **2021 – 2023**
M.Sc. in Artificial Intelligence Applications (Research Track)   *Macao, China*
- Advisor: Prof. Jiantao Zhou
- Master Thesis: *Regroup Median Loss for Combating Label Noise*

Sun Yat-sen University   **2017 – 2021**
B.Sc. in Mathematics and Applied Mathematics   *Guangzhou, China*
- Advisor: Prof. Zhiwei Wu
- Bachelor Thesis: *The Representation of Lie Algebra of G_2-Type and Associated Integrable Functions*

ACADEMIC EXPERIENCE

Research Intern   **Jan. 2025 – Present**
TMLR Group, Department of Computer Science, Hong Kong Baptist University   *(Remote) Hong Kong, China*
- Mentor: Dr. Qizhou Wang and Prof. Bo Han

Research Assistant   **Aug. 2021 – Present**
State Key Laboratory of Internet of Things for Smart City (SKL-IoTSC), University of Macau   *Macao, China*
- Collaborator: Dr. Fengpeng Li and Prof. Haiwei Wu

PUBLICATIONS   (* = EQUAL CONTRIBUTION)

Conference Papers

- **Editprint: General Digital Image Forensics via Editing Fingerprint with Self-Augmentation Training**
  Haiwei Wu, **Kemou Li**, Yuanman Li, Jiantao Zhou
  In *The 39th Conference on Computer Vision and Pattern Recognition (**CVPR-26**)*, 2026 **[CCF A]**

- **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

- **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 [NEWS]   *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)*