Jian Lang

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Brief Self-Introduction

I am a first-year PhD student in a combined mastersPhD program in Software Engineering at the University of Electronic Science and Technology of China (UESTC), under the supervision of Prof Fan Zhou.

My research focuses on **Robust & Personalized Multimodal Intelligence** in **real-world**, **non-ideal**, and **dynamic** conditions. Specifically, I am enthusiastic about designing multimodal systems that can perform effectively under (1) **imperfect inputs and environments** (e.g., modality missing, distribution shifts) and (2) **user-specific dynamics** (e.g., MLLM personalization). Moreover, I am also interested in **multimodal video understanding and detection**, where I am dedicated to improving the generalization and robustness of detection models in real-world scenarios.

Education

- **University of Electronic Science and Technology of China** *09/2023 - 07/2026*
  Master's Degree in Software Engineering Chengdu, China
  ◦ GPA: 3.96/4.00
- **Fuzhou University** *09/2019 - 07/2023*
  Bachelor's Degree in Automation Fuzhou, China
  ◦ GPA: 3.71/4.00

Selected Publications

C=Conference, J=Journal, *=Equal Contribution

Robust Multimodal Learning

Robust Against Modality Missing

[C.1] **Jian Lang**, et al. (2026). **AOEPT: Breaking the Implicit Modality-Reduction Bottleneck in Modality-Missing Prompt Tuning**. In *International Conference on Machine Learning* (ICML 2026, **CCF-A**).

[C.2] **Jian Lang**, et al. (2025). **REDEEMing Modality Information Loss: Retrieval-Guided Conditional Generation for Severely Modality Missing Learning**. In *Proceedings of the ACM SIGKDD Conference on Knowledge Discovery and Data Mining* (KDD 2025, **CCF-A**).

[C.3] **Jian Lang**, et al. (2025). **Retrieval-Augmented Dynamic Prompt Tuning for Incomplete Multimodal Learning**. In *The Association for the Advancement of Artificial Intelligence* (AAAI 2025, **CCF-A**).

Robust Against Distribution Shift

[C.4] **Jian Lang**, et al. (2026). **Nip Rumors in the Bud: Retrieval-Guided Topic-Level Adaptation for Test-Time Fake News Video Detection**. In *Proceedings of the ACM SIGKDD Conference on Knowledge Discovery and Data Mining* (KDD 2026, **CCF-A**).

[C.5] **Jian Lang**, et al. (2026). **From Shallow Humor to Metaphor: Towards Label-Free Harmful Meme Detection via LMM Agent Self-Improvement**. In *Proceedings of the ACM SIGKDD Conference on Knowledge Discovery and Data Mining* (KDD 2026, **CCF-A**).

[C.6] Jiao Li, **Jian Lang**, et al. (2026). **Shedding the Facades, Connecting the Domains: Detecting Shifting Multimodal Hate Video with Test-Time Adaptation**. In *The Association for the Advancement of Artificial Intelligence* (AAAI 2026, **CCF-A**).

Personalized Multimodal Learning

MLLM Personalized Understanding

[C.1] Rongpei Hong, **Jian Lang**, et al. (2026). **TAMEing Long Contexts in Personalization: Towards Training-Free and State-Aware MLLM Personalized Assistant**. In *Proceedings of the ACM SIGKDD Conference on Knowledge Discovery and Data Mining* (KDD 2026, **CCF-A**)

Video Analysis & Detection

[C.1] **Jian Lang**, et al. (2026). **LEAF: Towards Lightweight Explainable Hateful Video Detection via Self-Grounding CoT Guided Stage-Wise Distillation**. In *Annual Meeting of the Association for Computational Linguistics* (ACL 2026 Findings).

[C.2] Rongpei Hong*, **Jian Lang***, et al. (2025). **Borrowing Eyes for the Blind Spot: Overcoming Data Scarcity in Malicious Video Detection via Cross-Domain Retrieval Augmentation**. In *Proceedings of the IEEE/CVF International Conference on Computer Vision* (ICCV 2025, **CCF-A**).

[C.3] **Jian Lang**, et al. (2025). **Biting Off More Than You Can Detect: Retrieval-Augmented Multimodal Experts for Short Video Hate Detection**. In *The Web Conference* (WWW 2025, **CCF-A**).

[C.4] Rongpei Hong, **Jian Lang**, et al. (2025). **Following Clues, Approaching the Truth: Explainable Micro-Video Rumor Detection via Chain-of-Thought Reasoning**. In *The Web Conference* (WWW 2025, **CCF-A**).

[C.5] Yili Li, **Jian Lang**, et al. (2025). **REAL: Retrieval-Augmented Prototype Alignment for Improved Fake News Video Detection**. In *IEEE International Conference on Multimedia & Expo* (ICME 2025, **CCF-B**).

[C.6] Zhong Ting, **Jian Lang**, et al. (2024). **Predicting Micro-video Popularity via Multi-modal Retrieval Augmentation**. In *Proceedings of the ACM SIGIR Conference on Research and Development in Information Retrieval* (SIGIR 2024 Short).

[J.1] Kaiju Li, Rongpei Hong, **Jian Lang**, et al. (2026). **MATCH: Multi-Agentic Evidence Grounding for Explainable Hate Video Detection**. In *IEEE Transactions on Circuits and Systems for Video Technology* (TCSVT 2026, **Q1 Top**).

Honors and Awards

- **China National Scholarship** *10/2025*
  Ministry of Education of the People's Republic of China [🌐]
- **Master's Student Academic Scholarship 1st division** *10/2025*
  University of Electronic Science and Technology of China (Ranked 1st) [🌐]
- **China National Scholarship** *11/2024*
  Ministry of Education of the People's Republic of China [🌐]
- **Master's Student Academic Scholarship 1st division** *10/2024*
  University of Electronic Science and Technology of China (Ranked 1st) [🌐]
- **Artificial Intelligence Algorithm Challenge Runner-up (2nd)** *11/2023*
  People's Daily Online [🌐]

Experience

- **Ruijie Networks.** [🌐] *Mar. 2023 - July. 2023*
  Software Engineer Intern Fuzhou, China
  - Maintained the WiFi Magic Box Android application, focusing on seamless user experience and enhanced wireless network management functionality.

Academic Service

- **Conference Reviewing** *Sep. 2024 - Present*
  NeurIPS 2026 Reviewer, ICML 2026 (Emergency) Reviewer, KDD 2026 Reviewer, AAAI 2026 Reviewer

- **Journal Reviewing** *Sep. 2024 - Present*
  TPAMI Reviewer, IJCV Reviewer, KBS Reviewer, ESWA Reviewer