Yanlin Li

+65-8067-0278 / +86-180-4581-9818 | yanlin.li@u.nus.edu | Homepage

Research Interests: Trustworthy AI, Unified Multimodal Models, Human-centered AGI

Education

- **National University of Singapore** — *Aug 2026 - Present*
  Ph.D. in Computer Science — Singapore
- **National University of Singapore** — *Aug 2024 - Jun 2026*
  Master of Computing (Artificial Intelligence Specialization) — Singapore
- **Shandong University** — *Sep 2020 - Jun 2024*
  B.Eng in Software Engineering — Jinan, China

Publications

C=Conference, J=Journal, R=Under Review; * equal contribution; # correspondence.

[R.1] **Yanlin Li**, Mingyang Hao, Shengqiong Wu, Hao Fei[#], Mong-Li Lee, Wynne Hsu. **Omni-IO Skills: Harnessing Your Agent Omni-Native.** In *arXiv*. [Paper]

[C.1] **Yanlin Li**, Minghui Guo, Kaiwen Zhang, Shize Zhang, Yiran Zhao, Haodong Li, Congyue Zhou, Weijie Zheng, Yushen Yan, Shengqiong Wu, Wei Ji, Lei Cui, Furu Wei, Hao Fei[#], Mong-Li Lee, Wynne Hsu. **UniM: A Unified Any-to-Any Interleaved Multimodal Benchmark.** In *CVPR 2026 Main (CCF-A)*. [Paper]

[C.2] **Yanlin Li**, Hao Liu, Huimin Liu,Yinwei Wei, Yupeng Hu[#]. **MIST: Towards Multi-dimensional Implicit BiaS Evaluation of LLMs for Theory of Mind.** In *CogSci 2026 (CCF-B)*. [Paper]

[C.3] **Yanlin Li**, Ning Chen, Guangrong Zhao, Yiran Shen[#]. **KD-Eye: Lightweight Pupil Segmentation For Eye Tracking on VR Headsets via Knowledge Distillation.** In *WASA 2024 (CCF-C)*. [Paper]

[R.2] Jing Wang[*], **Yanlin Li**[*], Mong-Li Lee, Wynne Hsu, Hao Fei, Shengqiong Wu[#]. **VitronEdit: Universal Visual Editing across Images, Videos, and 3D Scenes.** In *arXiv*. [Paper]

[R.3] Meng Luo, **Yanlin Li**, Hao Li, Hongzhan Lin[#], Pengfei Zhou, Tianjie Ju, Ran Zhang, Yeying Jin, Mong-Li Lee, Wynne Hsu. **AI for Games in the Foundation Model Era.** In *arXiv*. [Paper]

[C.4] Xudong Han, Kai Liu, **Yanlin Li**, Hao Li, Zheng Wang. **The ACM Multimedia 2025 Grand Challenge of Truthful and Responsible Multimodal Learning.** In *ACM MM 2025 Grand Challenge*. [Paper]

[R.4] Meng Luo, Zechen Bai, Shanqing Xu, **Yanlin Li**, Kaixin Li, Mengchen Qian, Weifeng Lu, Ran Zhang, Yingtian Zou, Ziyang Luo, Wei Chen, Hongzhan Lin[#]. **Toward Recursive Self-Improvement in Physical AI.** In *arXiv*. [Paper]

[R.5] Ziming Cheng, Binrui Xu, Lisheng Gong, Zuhe Song, Tianshuo Zhou, Shiqi Zhong, Siyu Ren, Mingxiang Chen, Xiangchao Meng, Yuxin Zhang, **Yanlin Li**, Lei Ren, Wei Chen, Zhiyuan Huang, Mingjie Zhan, Xiaojie Wang, Fangxiang Feng. **Evaluating MLLMs with Multimodal Multi-image Reasoning Benchmark.** In *Arxiv 2025*. [Paper]

Experience

- **Centre for Trusted Internet and Community, National University of Singapore** — *Dec 2024 - Present*
  ***Research Intern**, advised by Prof. Mong-Li Lee and Prof. Wynne Hsu* — Singapore
- **IGIP Lab, Shandong University** — *Oct 2022 - Jun 2024*
  ***Research Intern**, advised by Prof. Yiran Shen* — Jinan, China

Honors and Awards

- **NUS Research Scholarship** — *Aug 2026*
  National University of Singapore
- **NUS GRTII Master's Scholarship (SGD 45,000) *(voluntarily declined)*** — *Aug 2024*
  NUS Guangzhou RTII
- **Meritorious Winner** — *May 2024*
  The Interdisciplinary Contest in Modeling (ICM)
- **Outstanding Graduate (Undergraduate)** — *Jan 2024*
  Shandong University
- **Second Prize (RMB 10,000)** — *Nov 2023*
  2023 Summer Intel oneAPI Campus Hackathon Competiton
- **Academic Scholarship** — *Oct 2023 / 2022*
  Shandong University
- **Specialty Scholarship** — *Oct 2023 / 2022*
  Shandong University
- **Second Prize (top 0.66%)** — *May 2022*
  The 12th National Student Market Research and Analysis Competion National Final
- **Second Prize** — *Jan 2022*
  2021 Asia and Pacific Mathematical Contest in Modeling

SKILLS

- **Programming Languages & Tools:** Python, Java, HTML&CSS&JS, Vue, Git, Linux, SpringBoot, Flask
- **AI & Machine Learning:** PyTorch, vLLM, TensorFlow
- **Languages:** Chinese (Native), English (Fluent, IELTS 6.5 / CET-4 / CET-6)

SERVICE

- **Reviewer**
  - WWW 2027, ICLR 2027, WSDM 2027, ECCV 2026, ACL ARR March/May/August/October 2026, ACM MM 2025/2026, AAAI 2026/2027, CogSci 2026, IJCNN 2025/2026/2027, ICIC 2025/2026
  - Neurocomputing
- **Workshop & Chanllege Organizer**
  - (A2A-MML) Workshop On Any-to-Any Multimodal Learning @ CVPR 2026
  - (ResMM) Truthful and Responsible Multimodal Learning Challenge @ ACM MM 2025