Lei Li

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🎓 Education

The University of Hong Kong, SAR, Hong Kong   2023.09 – Now
PhD Candidate in Computer Science
Advisor: Prof. Lingpeng Kong & Prof. Qi Liu

Peking University, Beijing, China   2020.09 – 2023.07
Master in Computational Linguistics
Advisor: Prof. Xu Sun, **National Scholarship Winner**

Xidian University, Shaanxi, China   2016.09 – 2020.06
B.Sc. in Software Engineering
GPA: 94.2 (Ranking 1 / 448), **National Scholarship Winner**

👥 Experience

Xiaomi Corporation, LLM Core Team   2025.01 - Present
Multimodal Research Engineer Co-led the development and release of MiMo-VL, a state-of-the-art 7B vision-language models (100K downloads per month, achieving 70+ on MMMU and Video-MME.)

Reka AI   2023.07 – 2024.12
Multimodal LLM Research Intern Mentors: Qi Liu & Dani Yogatama

Shanghai AI Laboratory   2022.07 – 2023.06
Research Intern Mentor: Jingjing Xu

📑 Selected Publications

(* denotes Equal Contribution)

VL-RewardBench: A Challenging Benchmark for Vision-Language Generative Reward Models

- **Lei Li***, Yuancheng Wei*, Zhihui Xie*, Xuqing Yang*, Yifan Song, Peiyi Wang, Chenxin An, Tianyu Liu, Sujian Li, Bill Yuchen Lin, Lingpeng Kong, Qi Liu
- CVPR 2025 (CCF-A, **Highlight, Top 2.97%**)

Temporal Reasoning Transfer from Text to Video

- **Lei Li***, Yuanxin Liu*, Linli Yao, Peiyuan Zhang, Chenxin An, Lean Wang, Xu Sun, Lingpeng Kong, Qi Liu
- ICLR 2025 (THU-A)

ImgTrojan: Jailbreaking Vision-Language Models with ONE Image

- Xijia Tao*, Shuai Zhong*, **Lei Li***, Qi Liu, Lingpeng Kong
- NAACL 2025 (CCF-B)

VLFeedback: A Large-Scale AI Feedback Dataset for Large Vision-Language Models Alignment

- **Lei Li***, Zhihui Xie*, Mukai Li, Shunian Chen, Peiyi Wang, Liang Chen, Yazheng Yang, Benyou Wang, Lingpeng Kong, Qi Liu.
- EMNLP 2024 (THU-A)

Multimodal ArXiv: A Dataset for Improving Scientific Comprehension of Large Vision-Language Models

- **Lei Li***, Yuqi Wang*, Runxin Xu, Peiyi Wang, Xiachong Feng, Lingpeng Kong, Qi Liu.
- ACL 2024 (THU-A)

Large Language Models are not Fair Evaluators

- Peiyi Wang, **Lei Li**, Liang Chen, Zefan Cai, Dawei Zhu, Binghuai Lin, Yunbo Cao, Lingpeng Kong, Qi Liu, Tianyu Liu, Zhifang Sui
- ACL 2024 (CCF-A), **Most Influential Papers of ACL 2024**

Can Language Models Understand Physical Concepts?

- **Lei Li**, Jingjing Xu, Qingxiu Dong, Ce Zheng, Xu Sun, Lingpeng Kong, Qi Liu
- EMNLP 2023 (THU-A)

Label Words are Anchors: An Information Flow Perspective for Understanding In-Context Learning

- Lean Wang, **Lei Li**, Damai Dai, Deli Chen, Hao Zhou, Fandong Meng, Jie Zhou, Xu Sun
- EMNLP 2023 (THU-A), **Best Long Paper Award (1 / 4909)**

Dynamic Knowledge Distillation for Pre-trained Language Models

- **Lei Li**, Yankai Lin, Shuhuai Ren, Peng Li, Jie Zhou, Xu Sun.
- EMNLP 2021 (THU-A)

CascadeBERT: Accelerating Inference of Pre-trained Language Models via Calibrated Complete Models Cascade

- **Lei Li**, Yankai Lin, Deli Chen, Shuhuai Ren, Peng Li, Jie Zhou, Xu Sun.
- Findings of EMNLP 2021

Enhancing Topic-to-Essay Generation with External Commonsense Knowledge

- Pengcheng Yang*, **Lei Li***, Fuli Luo, Tianyu Liu, Xu Sun.
- ACL 2019 (CCF-A)

Alleviating the Knowledge-Language Inconsistency: A Study for Deep Commonsense Knowledge

- Yi Zhang*, **Lei Li*** (Equal Contribution), Yunfang Wu, Qi Su, Xu Sun.
- IEEE/ACM Transactions on Audio, Speech, and Language Processing (TASLP) (THU-A)

💼 Professional Services

Action Editor / Area Chair

ACL Rolling Review (2024 - Now)

Program Committee (Reviewer):

AAAI 2025, KDD 2025, COLM (2024 - 2025), ICML (2024 - 2025), CVPR (2024 - 2025), ICLR (2024 - 2025), NeurIPS 2023 (**Top Reviewer Award**), ACL (2019 - 2023), EMNLP (2019 - 2023)

✸ Honors and Awards

Tencent Qingyun Scholarship, Tencent	2026.1
Outstanding Area Chair, EMNLP	2025.11
National Scholarship, Ministry of Education	2022.10
Merit Student, Peking University	2022.10
Special Academic Scholarship, Peking University	2021.10
National Scholarship, Ministry of Education	2019.11
Best Demo Award, DeeCamp 2018, Peking University & Sinovation Ventures	2018.08