Lei Li (李 磊)

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🎓 Education

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

Peking University, Beijing, China   2020.09 – 2023.07
Master student in Computational Linguistics
Advisor: Prof. Xu Sun, GPA: 3.6/4.0, **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

Reka AI   2023.07 – Now
Multi-modal LLM R&D Intern   Mentor: Qi Liu & Dani Yogatama

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

📘 Selected Publications

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

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

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, **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

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, **Best Long Paper Award**

Distributional Correlation–Aware Knowledge Distillation for Stock Trading Volume Prediction

- **Lei Li**, Zhiyuan Zhang, Ruihan Bao, Keiko Harimoto, Xu Sun.
- ECML-PKDD 2022 (Oral)

Dynamic Knowledge Distillation for Pre-trained Language Models

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

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

From Mimicking to Integrating: Knowledge Integration for Pre-trained Language Models

- **Lei Li**, Yankai Lin, Xuancheng Ren, Guangxiang Zhao, Peng Li, Jie Zhou, Xu Sun.
- Findings of EMNLP 2022.

Enhancing Topic-to-Essay Generation with External Commonsense Knowledge

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

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)

💼 PROFESSIONAL SERVICES

Action Editor / Area Chair

ACL Rolling Review 2024

Program Committee (Reviewer):

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

Teaching Assistant:

- Computational Linguistics (PKU 2021 Fall)
- Machine learning in trading and finance (COMP7409A, HKU 2023 Fall)

⭕ PROJECTS

Multi-Modal Instruction Tuning Dataset (40k downloads)

Multi-modal multilingual instruction tuning dataset with 400 manually written instructions covering 40 tasks.

Hip-pop GAN (100+ stars)

Chinese lyrics generation with modified SeqGAN for rhymed hip-pop lyrics.

✿ HONORS AND AWARDS

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