Huanxuan Liao (廖桓萱)

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🎓 Education

Institute of Automation, Chinese Academy of Sciences (CASIA), Beijing   2023 – Now
M.S. in Computer Science. In NLPR, Supervisor: Shizhu He

North China Electric Power University (NCEPU), Beijing   2019 – 2023
Bachelor of Engineering in Intelligence Science and Technology (Innovation Class). Ranking 1/13

💡 Research Interests

- Large Language Model / Multimodal Large Language Model
- Long Context Modeling & Length Extrapolation
- Natural Language Reasoning / Question Answering
- Compression / KV Cache

📖 Publications

(* stands for equal contribution; Listed in reverse chronological order.)

[4] **Huanxuan Liao**, Shizhu He, Yao Xu, Yuanzhe Zhang, Yanchao Hao, Shengping Liu, Kang Liu, Jun Zhao. From Instance Training to Instruction Learning: Task Adapters Generation from Instructions. (Preprint, 2024)

[3] **Huanxuan Liao**, Shizhu He, Yao Xu, Yuanzhe Zhang, Kang Liu, Shengping Liu, Jun Zhao. Imagination Augmented Generation: Learning to Imagine Richer Context for Question Answering over Large Language Models. (Preprint, 2024)

[2] Yixuan Weng, Zhiqi Wang, **Huanxuan Liao**, Shizhu He, Shengping Liu, Kang Liu, Jun Zhao. LMTuner: An user-friendly and highly-integrable Training Framework for fine-tuning Large Language Models. (Preprint, 2023)

[1] **Huanxuan Liao**, Shizhu He, Yao Xu, Kang Liu, Jun Zhao. Dynamic Weighted Neural Bellman-Ford Network for Knowledge Graph Reasoning. (CCKS, 2023)

♡ Awards and Scholarships

Scholarships & Awards

Beijing Outstanding Graduate Awards, Beijing Municipal Commission of Education	Jun. 2023
China National Scholarship *(top scholarship in China; 0.2% domestically)*, Ministry of Education.	Dec. 2022
China National Scholarship *(top scholarship in China; 0.2% domestically)*, Ministry of Education.	Dec. 2021
SiFang Society Scholarship, NCEPU	Dec. 2020

Competition

National Third Prize, Information Security Competition	Aug. 2022
Beijing Third Prize, Internet +	Aug. 2021
Beijing Bronze Award, Challenge Cup	Jul. 2021

⬦ Professional Services

Conference Reviewing: ARR 2024