

HUANXUAN LIAO (廖桓萱)

✉ huanxuanliao@gmail.com · ☎ 18073611917 · 🌐 Xnhyacinth · 🔗 <https://xnhyacinth.github.io/>

🎓 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

B.S. 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

- **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)
- **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)
- Yixuan Weng, Zhiqi Wang, **Huanxuan Liao**, Shizhu He, Shengping Liu, Kang Liu, Jun Zhao. LM-Tuner: An user-friendly and highly-integrable Training Framework for fine-tuning Large Language Models. (Preprint, 2023)
- **Huanxuan Liao**, Shizhu He, Yao Xu, Kang Liu, Jun Zhao. Dynamic Weighted Neural Bellman-Ford Network for Knowledge Graph Reasoning. (CCKS, 2023)

💖 AWARDS AND CERTIFICATES

Scholarships & Awards

Beijing Outstanding Graduate Awards	Jun. 2023
China National Scholarship	Dec. 2021, Dec. 2022
SiFang Society Scholarship	Dec. 2020

Competition

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