

Wanli Yang

Curriculum Vitae

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Education

- 2024–Present **Institute of Computing Technology, Chinese Academy of Sciences**
Ph.D. Candidate in Cyberspace Security
- Research Advisor: Prof. Fei Sun
- 2020–2024 **Nankai University, College of Software**
B.E. in Software Engineering
- Rank: 5/140, CET4: 616, CET6: 614

Research Experience

- 02–06/2024 **Reasons Behind LLMs Collapse Caused by Editing**
- **Advisor:** Prof. Fei Sun
 - **Institution:** Institute of Computing Technology, CAS
 - Revealing the root causes behind the model collapse triggered by editing and proposes a straightforward solution to prevent collapse and achieve remarkable editing performance.
 - Accepted at **Findings of EMNLP 2024**.
- 12/2022 **Graph Contrastive Learning for Recommendation**
- 03/2023
- **Advisor:** Prof. Wayne Xin Zhao
 - **Institution:** Gaoling School of Artificial Intelligence, RUC
 - Contributing implementations of the latest recommendation models for **RecBole** (GitHub 3.3k Stars).

Internship Experience

- 11/2023 **Side Effects of Model Editing**
- 02/2024
- **Mentor:** Dr. Xinyu Ma
 - **Company:** Baidu Inc.
 - Uncovering the potential of model editing to trigger LLMs collapse and proposing employing perplexity as a surrogate metric to monitor model collapse.
 - Accepted at **Findings of ACL 2024**.

Publications and Preprints

- ACL 2024 **Wanli Yang**, Fei Sun, Xinyu Ma, Xun Liu, Dawei Yin, Xueqi Cheng. The Butterfly Effect of Model Editing: Few Edits Can Trigger Large Language Models Collapse.
- ACL 2024 Hexiang Tan, Fei Sun, **Wanli Yang**, Yuanzhuo Wang, Qi Cao, Xueqi Cheng. Blinded by Generated Contexts: How Language Models Merge Generated and Retrieved Contexts When Knowledge Conflicts?
- EMNLP 2024 **Wanli Yang**, Fei Sun, Jiajun Tan, Xinyu Ma, Du Su, Dawei Yin, Huawei Shen. The Fall of ROME: Understanding the Collapse of LLMs in Model Editing.

Skills

Programming Python, C/C++, Java, SQL
Frameworks PyTorch, TensorFlow, JAX
Others Git, \LaTeX , Linux

Honors and Awards

2024	Outstanding Graduates (Top 5%)	Nankai University
2023	College Scholarship	University of Chinese Academy of Sciences
2022 & 2023	Academic Excellence Scholarship (Top 5%)	Nankai University
2021 & 2022	Arts and Sports Scholarship (Top 2%)	Nankai University
2021	Innovation Scholarship (Top 3%)	Nankai University

Hobbies

Sports Fitness, Swimming, Cycling, Dragon Boat Racing (former paddler for the Dragon Boat Team of Nankai University), etc.
Reading Works of Haruki Murakami.