

Xiaotian Ye

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School of Computer Science

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EDUCATION BACKGROUND

Beijing University of Posts and Telecommunications

B.Eng. in Computer Science

Beijing

2022.06 - Present

- **Cumulative GPA:** 92/100; **Major GPA:** 94.75/100.
- **Activities and societies:** Member of ICPC Programming Team (*Gold medal in BUPT Campus Programming Contest for Freshmen, which is the team formation contest*).
- **Main Courses:** Introduction to Computing and Foundation of Programming (98), Data Structures (97), Matrix Theory (99), Computer Systems (95), Formal Languages and Automata (96), Computer Networks (93), etc.

RESEARCH EXPERIENCE

Research Intern

Institute of Automation, Chinese Academy of Sciences (CRIPAC & NLPR)

Beijing

2023.07 - Present

- Research interest: Large Language Models, Data Mining, Machine Learning.
- Supervised by Prof. Shu Wu, working with Prof. Mengqi Zhang.
- Focusing on the research of knowledge editing method for Large Language Models. Developed a paper as co-first author, which is currently in submission to EMNLP.

PUBLICATIONS

[1] M. Zhang*, X. Ye*, Q. Liu, P. Ren, S. Wu, and Z. Chen, "Knowledge Graph Enhanced Large Language Model Editing," *arXiv preprint arXiv:2402.13593*, 2024.

- Aster mark (*) denotes equal contributions.

HONORS & AWARDS

International Silver Medal in ICPC Asia Regional Contest

International Collegiate Programming Contest - Asia Regional Contest, Jinan Site

2023.12

National Silver Medal in CCPC 2023

China Collegiate Programming Contest, Guilin Site

2023.10

National First Prize in NECCS Final

National English Competition for College Students

2023.06

National Individual Third Prize in CCCG-GPLT 2023 National Final

China Collegiate Computing Contest - Group Programming Ladder Tournament

2023.04

Gold Medal in BUPT Campus Programming Contest for Freshmen

issued by Beijing University of Posts and Telecommunications

2023.03

Merit Student Scholarship

issued by Beijing University of Posts and Telecommunications

2023.09

SELECTED PROJECTS

GLAME: Knowledge Graph Enhanced Language Model Editing

Proposed a novel framework for LLM knowledge editing.

Stack: PyTorch

- Developed a novel method called GLAME to leverage knowledge graphs for improving LLM editing capabilities.
- Enhanced the updated model parameters to reflect the changes in related knowledge caused by edits, addressed the key challenges of existing methods, which struggle to capture the ripple effect caused by direct editing.

TECHNICAL SKILLS AND INTERESTS

Programming: Especially experienced in Python, C++ and C. Comfortable with JavaScript. Experienced in competitive programming.

Developer Tools: Familiar with Git, PyTorch and NodeJS.

English Proficiency: NEECS National First Prize. Proficient in academic reading and writing.