

Jiatao Li

✉ leejames@stu.pku.edu.cn

📁 [leejamesss.github.io](https://github.com/leejamesss)

🌐 [leejamesss](#)

Education

2022-Present **Department of Information Management, Peking University.**
B.S. in Data Science (GPA Rank 1st in Department)
Research advisor: Prof. Xiaojun Wan

Research Interest

Natural Language Processing, Machine Learning

Publications

- [1] **SMART-RAG: Selection using Determinantal Matrices for Augmented Retrieval**, *ArXiv Preprint*.
Jiatao Li, Xinyu Hu, Xiaojun Wan
- [2] **Aspect-Guided Multi-Level Perturbation Analysis of Large Language Models in Automated Peer Review**, *ArXiv Preprint*.
Jiatao Li, Yanheng Li, Xinyu Hu, Mingqi Gao, Xiaojun Wan
- [3] **Who Writes What: Unveiling the Impact of Author Roles on AI-generated Text Detection**, *ArXiv Preprint*.
Jiatao Li, Xiaojun Wan
- [4] **Analyzing Cognitive Differences Among Large Language Models through the Lens of Social Worldview**, *ArXiv Preprint*.
Jiatao Li, Yanheng Li, Xiaojun Wan
- [5] **Evaluating Self-Generated Documents for Enhancing Retrieval-Augmented Generation with Large Language Models**, *NAACL 2025 (Findings)*. (Long Paper).
Jiatao Li, Xinyu Hu, Xunjian Yin, Xiaojun Wan

Selected Awards and Honors

- Apr 2023 **Top1%**, Kaggle HousePrice Prediction Competition.
- May 2023 **Rank2**, 2023 Peking University Hackerthon.
- Jun 2023 **Top10**, CSDN Blog Star City Track, Beijing (**150w+** Total Visits).
- Aug 2023 **Track & Finals Rank1**, 2023 Tianchi BMW 3rd Hackathon - Virtual Collaborative Co-Creation.
- Sep 2023 **May 4th Scholarship**, (*Highest-level Scholarship in Peking University, 125/65k+*).
- Sep 2023 **Merit Student Pacesetter**, Peking University.

- Oct 2023 **Finalist**, 2023 Greater Bay Area (Huangpu) International Algorithm Case Competition - Advanced Enhancement of Large Language Model Comprehensive Abilities (Pazhou Laboratory & Fudan University) .
- Nov 2023 **Annual Person of the Year Nomination**, 2023 Peking University Annual Person of the Year Nomination (**Youngest Nominee**, 45/65k+) Blog spotlight in Chinese.
- Jan 2024 **Top87**, CSDN Blog Star of the Year.
- Sep 2024 **Merit Student Pacesetter**, Peking University.
- Sep 2024 **Leo KoGuan Scholarship**, Peking University.

Positions of responsibility

- Monitor** Department of Information Management Class 1, Undergraduate Program, 2022
- Minister** Department of Practice and Career Development
- Manager** Comprehensive Coordination Department of Peking University Student Union
- Manager** Office of International Cooperation, Peking University

Extra-curricular Activities

- Served as an ambassador for the 2020 World School Sport Games (China Daily coverage).
- Served as the choir conductor for my department's entry in the Peking University December 9th Choral Competition.
- Led the Department of Information Management basketball team as captain and participated in the Peking University Freshman Cup Basketball Tournament.
- Earned a silver medal in the Department of Information Management's 3v3 basketball tournament.

Skills, Interest & Others

Programming: Python, C/C++, Java, LATEX, SQL, HTML, CSS, JavaScript, TypeScript, PHP

Frameworks & Tools: Langchain, Pytorch, Tensorflow, Scikit-learn, Git, React, Vue, Bootstrap, Mysql, ELK, jsp, Springboot, Vmware, Docker, Maven, Xshell, CAD, Solidworks, Sketchup, Arduino

Languages: Mandarin (native), English (proficient, TOEFL 107, Silver Medal in the 21st Century Cup English Speech Contest, Fujian Province & Second Prize in the National Finals of the 21st Century Cup English Speech Contest), Hokkien (native)

Interests: Basketball, Swimming, Table Tennis, Badminton, Workout