Jiatao Li

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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] **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, 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