

Jiahao Ying

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EDUCATION

Singapore Management University, Singapore 2022 – present
Ph.D. in Machine Learning and Intelligence

East China Normal University (ECNU), Shanghai, China 2017 – 2021
B.S. in Computer Science and Technology
GPA: 3.75/4 (top 7%)

PUBLICATIONS

“*Benchmarking Foundation Models with Language-Model-as-an-Examiner.*” Yushi Bai*, **Jiahao Ying***, Yixin Cao, Xin Lv, Yuze He, Xiaozhi Wang, Jifan Yu, Kaisheng Zeng, Yijia Xiao, Haozhe Lyu, Jiayin Zhang, Juanzi Li, Lei Hou. co-first author. *NeurIPS*, 2023.

“*Intuitive or Dependent? Investigating LLMs’ Behavior Style to Conflicting Prompts*” **Jiahao Ying**, Yixin Cao, Kai Xiong, Yidong He, Long Cui, Yongbin Liu. *ACL*, 2024

“*A+ B: A General Generator-Reader Framework for Optimizing LLMs to Unleash Synergy Potential*” Wei Tang, Yixin Cao, **Jiahao Ying**, Bo Wang, Yuyue Zhao, Yong Liao, Pengyuan Zhou. *ACL*, 2024.

“*LLMs-as-Instructors: Learning from Errors Toward Automating Model Improvement*” **Jiahao Ying**, Mingbao Lin, Yixin Cao, Wei Tang, Bo Wang, Qianru Sun, Xuanjing Huang, Shuicheng Yan. Under review of *EMNLP*

“*Have seen me before? automating dataset updates towards reliable and timely evaluation*” **Jiahao Ying**, Yixin Cao, Bo Wang, Wei Tang, Yizhe Yang, Shuicheng Yan. Under review of *NeurIPS*, 2024.

INTERNSHIP

2050 Research Lab, Skywork AI, Singapore, Research Intern Dec. 2023 – Jun. 2024

- Led and accomplished the work “Have seen me before? automating dataset updates towards reliable and timely evaluation”, in which we developed an automated framework for dataset updates. This framework employs two strategies — mimicking and extending — to effectively alleviate benchmark leakage issues. The final paper was submitted to NeurIPS 2024.
- Led and completed the project titled “LLMs-as-Instructors: Learning from Errors Toward Automating Model Improvement”, where we utilized targeted data augmentation to help the model to learn from errors and thereby enhance its capabilities in code, math, and factual knowledge domains. The paper was submitted to EMNLP 2024.

HONORS AND AWARDS

Presidential Doctoral Fellowship Award, SMU 2024 – 2025

Outstanding Graduate, ECNU Jun.2021

3rd Prize (National 5), Bai Du Natural Language and AI Competition May. 2021

2nd Prize, “Hua Wei Cup” National College Student IoT Design Contest Sep. 2020

3rd Prize, 13th National College Student Computer Systems Design Contest Aug. 2020

3rd Prize, 12th Shanghai College Student Computer Skills Contest Jun. 2020

3rd Prize, “You Zu” Cup National College Student Programming Contest May. 2020

Honorable Mention, International Interdisciplinary Contest in Modelling Feb. 2020

Outstanding Undergraduate Scholarship, ECNU 2019 – 2020

1st st Class Scholarship (top 10%), ECNU 2017 – 2018