Yuqing Yang

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Education

Fudan University   *Shanghai, China*
Master's degree in Computer Science   *September 2021 - June 2024*
Supervisor: Prof. Xipeng Qiu
Research direction: Natural Language Processing, including Information Extraction and LLM Alignment.

University of Chinese Academy of Sciences   *Beijing, China*
Bachelor's degree in Computer Science   *September 2017 - June 2021*
GPA: 3.94/4.00   Rankings: 3/112
Thesis title: *Research on Key Methods of Event Factuality Prediction for Unstructured Texts.*

Experience

Generative Artificial Intelligence Research Lab   *Shanghai, China*
Advisor: Prof. Pengfei Liu   *June 2023 - Present*

- Worked on LLM alignment, with a particular focus on knowledge and reasoning of LLMs.

Amazon AWS AI   *Shanghai, China*
Advisor: Dr. Qipeng Guo, Prof. Zheng Zhang, Prof. Yue Zhang   *July 2021 - June 2023*

- Worked on information extraction, especially focusing on relation extraction and event extraction.
- Published two papers in the field of information extraction.

Institute of Automation, Chinese Academy of Sciences   *Beijing, China*
Advisor: Prof. Jun Zhao, Prof. Yubo Chen   *September 2020 - June 2021*

- Worked on information extraction, with a primary emphasis on event factuality prediction.
- Successfully completed a bachelor's thesis and co-authored a paper on event factuality prediction.

Publications

* indicates equal contribution.

- **Yuqing Yang**, Yan Ma, Pengfei Liu. Weak-to-Strong Reasoning. *arXiv preprint 2024.*

- Steffi Chern*, Zhulin Hu*, **Yuqing Yang***, Ethan Chern, Yuan Guo, Jiahe Jin, Binjie Wang, Pengfei Liu. BeHonest: Benchmarking Honesty of Large Language Models. *arXiv preprint 2024.*

- Zhen Huang, Zengzhi Wang, Shijie Xia, Xuefeng Li, Haoyang Zou, Ruijie Xu, Run-Ze Fan, Lyumanshan Ye, Ethan Chern, Yixin Ye, Yikai Zhang, **Yuqing Yang**, Ting Wu, Binjie Wang, Shichao Sun, Yang Xiao, Yiyuan Li, Fan Zhou, Steffi Chern, Yiwei Qin, Yan Ma, Jiadi Su, Yixiu Liu, Yuxiang Zheng, Shaoting Zhang, Dahua Lin, Yu Qiao, Pengfei Liu. OlympicArena: Benchmarking Multi-discipline Cognitive Reasoning for Superintelligent AI. *arXiv preprint 2024.*

- **Yuqing Yang**, Ethan Chern, Xipeng Qiu, Graham Neubig, Pengfei Liu. Alignment for Honesty. *arXiv preprint 2023.*

- Kai Lv, **Yuqing Yang**, Tengxiao Liu, Qinghui Gao, Qipeng Guo, Xipeng Qiu. Full Parameter Finetuning for Large Language Models with Limited Resources. *ACL 2024 (Oral).*

- Tengxiao Liu, Qipeng Guo, **Yuqing Yang**, Xiangkun Hu, Yue Zhang, Xipeng Qiu, Zheng Zhang. Plan, Verify and Switch: Integrated Reasoning with Diverse X-of-Thoughts. *EMNLP 2023*.

- Kai Lv*, Shuo Zhang*, Tianle Gu, Shuhao Xing, Jiawei Hong, Keyu Chen, Xiaoran Liu, **Yuqing Yang**, Honglin Guo, Tengxiao Liu, Yu Sun, Qipeng Guo, Hang Yan, Xipeng Qiu. CoLLiE: Collaborative Training of Large Language Models in an Efficient Way. *EMNLP Demo 2023*.

- **Yuqing Yang***, Qipeng Guo*, Xiangkun Hu, Yue Zhang, Xipeng Qiu, Zheng Zhang. An AMR-based Link Prediction Approach for Document-level Event Argument Extraction. *ACL 2023*.

- Qipeng Guo*, **Yuqing Yang***, Hang Yan, Xipeng Qiu, Zheng Zhang. DORE: Document ordered relation extraction based on generative framework. *EMNLP 2022 Findings*.

- Pengfei Cao, Yubo Chen, **Yuqing Yang**, Kang Liu, Jun Zhao. Uncertain local-to-global networks for document-level event factuality identification. *EMNLP 2021*.

Awards

Undergrad

- National Scholarship in 2017-2018.
- Outstanding Graduate of Beijing.
- Outstanding Graduate of University of Chinese Academy of Sciences.
- First-Class Academic Scholarship in 2017-2018, 2020-2021.
- Second-Class Academic Scholarship in 2018-2019.
- Outstanding Merit Student in 2017-2018.
- Merit Student in 2017-2018, 2018-2019, 2019-2020, 2020-2021.

Graduate

- Master's Student Excellent Academic Scholarship in 2021-2022 (Second Class).
- Xiaomi Scholarship in 2022-2023.
- Outstanding Graduate of Fudan University.

Skills

English Proficiency	TOEFL - 108
Programming Languages	Python, C/C++, verilog
Professional Services	Reviewer for IEEE MedAI 2023, ARR.
Teaching Assistant	Probability Theory and Mathematical Statistics, Fudan Undergrad Course, Fall 2022