

# Yuqing Yang

*E-mail:* yuqingyang21@m.fudan.edu.cn \* *Phone:* +86-188-1112-7902

*Website:* <https://ayyyq.github.io/>

*Address:* No.57 Wudong Road, Yangpu District, Shanghai, 200433, China

## Education

### Fudan University

Shanghai, China

Master's candidate in Computer Science

September 2021 - Expected 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 AI alignment, with a particular focus on honesty of large language models.

### 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.

### Institute of Computing Technology, Chinese Academy of Sciences

Beijing, China

Advisor: Prof. Yang Feng

February 2020 - June 2020

- Worked on Transformer architecture and explored techniques to integrate structural information into the Transformer Attention module.

## Publications

\* indicates equal contribution.

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

- Kai Lv, **Yuqing Yang**, Tengxiao Liu, Qinghui Gao, Qipeng Guo, Xipeng Qiu. Full Parameter Fine-tuning for Large Language Models with Limited Resources. *arXiv preprint 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

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### 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.

## Skills

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