

# Ziqi Wang

PH.D. STUDENT AT UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN IN CS

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## Education

### University of Illinois Urbana-Champaign

PH.D. IN COMPUTER SCIENCE

- Member of Blender Lab under the supervision of Prof. Heng Ji

Champaign, IL

Aug. 2021 - Present

### Tsinghua University

B.E. IN COMPUTER SCIENCE AND TECHNOLOGY

- Member of THUNLP under the supervision of Prof. Zhiyuan Liu
- Magna Cum Laude

Beijing, China

Aug. 2016 - May. 2021

## Selected Publications

**\* denotes equal contribution. See full publications in Google Scholar**

- Wei Xiong\*, Hanze Dong\*, Chenlu Ye\*, **Ziqi Wang**, Han Zhong, Heng Ji, Nan Jiang, Tong Zhang. *Iterative Preference Learning from Human Feedback: Bridging Theory and Practice for RLHF under KL-Constraint*. **Preprint**
- Ziqi Wang**, Le Hou, Tianjian Lu, Yuexin Wu, Yunxuan Li, Hongkun Yu, Heng Ji. *Enabling Language Models to Implicitly Learn Self-Improvement From Data*. **ICLR 2024**
- Ziqi Wang**, Yuexin Wu, Frederick Liu, Daogao Liu, Le Hou, Hongkun Yu, Jing Li, Heng Ji. *Augmentation with Projection: Towards an Effective and Efficient Data Augmentation Paradigm for Distillation*. **ICLR 2023**
- Xiao Li\*, **Ziqi Wang\***, Bo Zhang, Fuchun Sun, Xiaolin Hu. *Recognizing Object by Components with Human Prior Knowledge Enhances Adversarial Robustness of Deep Neural Networks*. **IEEE TPAMI**
- Ziqi Wang\***, Xiaozhi Wang\*, Xu Han, Yankai Lin, Lei Hou, Zhiyuan Liu, Peng Li, Juanzi Li, Jie Zhou. *CLEVE: Contrastive Pre-training for Event Extraction*. **ACL-IJCNLP 2021**
- Ziqi Wang\***, Yujia Qin\*, Wenxuan Zhou, Jun Yan, Qinyuan Ye, Leonardo Neves, Zhiyuan Liu, Xiang Ren. *Learning from Explanations with Neural Execution Tree*. **ICLR 2020 (Poster)**
- Wenxuan Zhou, Hongtao Lin, Bill Yuchen Lin, **Ziqi Wang**, Junyi Du, Leonardo Neves, Xiang Ren. *NERO: A Neural Rule Grounding Framework for Label-Efficient Relation Extraction*. **WWW 2020 (Best Paper Runner-Up, 2/1500+)**
- Xiaozhi Wang\*, **Ziqi Wang\***, Xu Han, Zhiyuan Liu, Juanzi Li, Peng Li, Maosong Sun, Jie Zhou, Xiang Ren. *HMEAE: Hierarchical Modular Event Argument Extraction*. **EMNLP-IJCNLP 2019 (Short, Oral)**

## Work Experience

### University of Illinois Urbana-Champaign

RESEARCH ASSISTANT

- Working on making AI models as independent research to push the knowledge discovery process of humanity. Advisor: Prof. Heng Ji.

Champaign, IL

Aug. 2021 - Present

### Google

SOFTWARE ENGINEERING INTERN

- Working on large language model self-improvement with Dr. Le Hou and Dr. Yuexin Wu

Sunnyvale, CA

May. 2023 - Aug. 2023

### Google

SOFTWARE ENGINEERING INTERN AND STUDENT RESEARCHER

- Working on data-efficient learning with Dr. Yuexin Wu and Dr. Le Hou

Bellevue, WA and Remote

May. 2022 - Dec. 2022

### University of Southern California

RESEARCH ASSISTANT

- Working on neuro-symbolic learning under the supervision of Prof. Xiang Ren

Los Angeles, CA

July. 2019 - Sep. 2019

### Tsinghua University

RESEARCH ASSISTANT

- Working on event extraction under the supervision of Prof. Zhiyuan Liu
- Working on vision robustness under the supervision of Prof. Xiaolin Hu

Beijing, China

Dec. 2018 - May. 2021

## Honors & Awards

2021	Magna Cum Laude	<i>Tsinghua University</i>
2020	Scholarship for Outstanding Research Performance	<i>Tsinghua University</i>
20(17-20)	Scholarship for Outstanding Academic Performance	<i>Tsinghua University</i>
2017	Scholarship for Outstanding Social Work Performance	<i>Tsinghua University</i>
2017	Scholarship for Comprehensive Excellence	<i>Tsinghua University</i>

## Service

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**Reviewer:** ICML 2024, ACL 2024, NAACL 2024, ICLR 2024, NeurIPS 2023, ACL 2023 (Demo), Pattern Recognition