

Ziqi Wang

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

☎ (+1) 217-751-2040 | ✉ wzq016@gmail.com | 🏠 wzq016.github.io | 📞 wzq016 | 📧 ziqi-wang-0432621a7

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**

- 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
- Working on dialogue understanding/generation under the supervision of Prof. Minlie Huang

Beijing, China

Dec. 2018 - May. 2021

Talks

Objective, Inc.

- Introduce model self-improvement work.

2023

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

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