

Kai Zhang

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EDUCATION

The Ohio State University

Ph.D. in Computer Science and Engineering
Advisor: Yu Su

Ohio, USA

Aug 2022-May 2027 (Expected)

Zhejiang University City College

B.E. in Computer Science and Technology
• GPA: 3.99/4.0 (93.51/100) Rank: 1/118

Zhejiang, China
Sept 2016-Jun 2020

EXPERIENCE

Google DeepMind

Student Researcher; Host: Yi Luan, Hexiang (Frank) Hu, and Ming-Wei Chang

Washington, USA

Aug 2023-Mar 2024

STCA Semantics and Knowledge Team, Microsoft

Research Intern; Host: Tao Shen

Beijing, China

Mar 2022-July 2022

Minds, Machines, and Society Group, Dartmouth College

Research Intern; Advisor: Soroush Vosoughi

New Hampshire, USA

Jun 2020-Sept 2020

THU NLP Group, Tsinghua University

Research Assistant; Advisor: Zhiyuan Liu

Beijing, China

Nov 2019-Mar 2021

SELECTED PUBLICATIONS

(† indicates my mentee. See Full Publication List)

1. MagicLens: Self-Supervised Image Retrieval with Open-Ended Instructions

Kai Zhang, Yi Luan, Hexiang Hu, Kenton Lee, Siyuan Qiao, Wenhui Chen, Yu Su, and Ming-Wei Chang
In ICML, 2024.

2. TravelPlanner: A Benchmark for Real-World Planning with Language Agents

Jian Xie†*, Kai Zhang*, Jiangjie Chen, Tinghui Zhu, Renze Lou, Yuandong Tian, Yanghua Xiao, and Yu Su
In ICML, 2024. (*: Equal Contribution)

3. MMMU: A Massive Multi-discipline Multimodal Understanding and Reasoning Benchmark for Expert AGI

Xiang Yue*, Yuansheng Ni*, Kai Zhang*, Tianyu Zheng*, Ruoqi Liu, Ge Zhang, Samuel Stevens, Dongfu Jiang, Weiming Ren, Yuxuan Sun, Cong Wei, Botao Yu, Ruibin Yuan, Renliang Sun, Ming Yin, Boyuan Zheng, Zhenzhu Yang, Yibo Liu, Wenhao Huang, Huan Sun, Yu Su, and Wenhui Chen
In CVPR (Oral), 2024. (*: Core Contribution)

4. Adaptive Chameleon or Stubborn Sloth: Revealing the Behavior of Large Language Models in Knowledge Conflicts

Jian Xie†*, Kai Zhang*, Jiangjie Chen, Renze Lou, and Yu Su
In ICLR (Spotlight), 2024. (*: Equal Contribution)

5. Automatic Evaluation of Attribution by Large Language Models

Xiang Yue, Boshi Wang, Zirui Chen, Kai Zhang, Yu Su, and Huan Sun
In Findings of EMNLP, 2023.

6. MagicBrush: A Manually Annotated Dataset for Instruction-Guided Image Editing

Kai Zhang*, Lingbo Mo*, Wenhui Chen, Huan Sun, and Yu Su
In NeurIPS Datasets and Benchmarks, 2023. (*: Equal Contribution)

7. **Aligning Instruction Tasks Unlocks Large Language Models as Zero-Shot Relation Extractors**

Kai Zhang, Bernal Jiménez Gutiérrez, and Yu Su

In Findings of ACL, 2023.

8. **LED: Lexicon-Enlightened Dense Retriever for Large-Scale Retrieval**

Kai Zhang, Chongyang Tao, Tao Shen, Can Xu, Xiubo Geng, Binxing Jiao, and Daxin Jiang

In WWW (Oral), 2023.

9. **Contributions of Transformer Attention Heads in Multi- and Cross-lingual Tasks**

Weicheng Ma*, Kai Zhang*, Renze Lou, Lili Wang, and Soroush Vosoughi

In ACL (Oral), 2021. (*: Equal Contribution)

SELECTED HONORS & AWARDS

WWW 2023 Student Travel Award	2023
Honor for Seeking Truth & Valedictorian (Top 1), Zhejiang University City College	2020
National Scholarship (Top 1%), Ministry of Education of P.R.China	2019

SERVICES

PC Member/Reviewer:

ARR (since 22); CCKS'22-23; EMNLP'22-23; ACL'23; NAACL'24

WWW'23; KDD'23; SDM'24

AAAI'23-24; NeurIPS'23; ICLR'24; ICML'24; COLM'24

CVPR'24