Kangrui Wang

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EDUCATION

Northwestern University   Evanston, USA
PH.D in Computer Science;   *Starting Sep 2024*

University of Chicago   Chicago, USA
*M.S. in Computer Science (MPCS Pre-Doctoral Program); **GPA: 3.90/4.00***   *Sep 2022 – Dec 2023*

Shanghai Jiao Tong University   Shanghai, China
*B.E. in Computer Science and Engineering; **GPA: 3.84/4.00***   *Sep 2018 – Jun 2022*

PUBLICATION

* means co-first; † means co-correspoding

[Embodied Agent Interface - Evaluating LLMs for Physical Everyday Decision Making](#)
Manling Li*, Shiyu Zhao*, Qineng Wang*, **Kangrui Wang***, Yu Zhou*,
Sanjana Srivastava, Cem Gokmen, Tony Lee, Li Erran Li,
Ruohan Zhang, Weiyu Liu, Percy Liang, Li Fei-Fei, Jiayuan Mao, Jiajun Wu
NeurIPS 2024 Oral

[MANGO: A Benchmark for Evaluating Mapping and Navigation Abilities of Large Language Models](#)
Peng Ding*, Jiading Fang*, Peng Li*, **Kangrui Wang***†, Xiaochen Zhou*,
Mo Yu, Jing Li, Matthew Walter†, Hongyuan Mei†
COLM 2024

[Explicit Planning Helps Language Models in Logical Reasoning](#)
Hongyu Zhao, **Kangrui Wang**, Mo Yu, Hongyuan Mei
EMNLP 2023

[Language Models Can Improve Event Prediction by Few-Shot Abductive Reasoning](#)
Xiaoming Shi, Siqiao Xue, **Kangrui Wang**, Fan Zhou, James Zhang, Jun Zhou, Chenhao Tan, Hongyuan Mei.
NeurIPS 2023

[Towards the Difficulty for a Deep Neural Network to Learn Concepts of Different Complexities](#)
Dongrui Liu, Huiqi Deng, Xu Cheng, Qihan Ren, **Kangrui Wang**, Quanshi Zhang.
NeurIPS 2023

[Trap of Feature Diversity in the Learning of MLPs](#)
Dongrui Liu, Shaobo Wang, Jie Ren, **Kangrui Wang**, Sheng Yin, Huiqi Deng, Quanshi Zhang
Arxiv

RESEARCH EXPERIENCE

Stanford Vision and Learning Lab   Stanford, USA
Research Assistant, Advisor: Jiajun Wu   *Mar 2024 – present*

Northwestern Univesity   Evanston, USA
Research Assistant, Advisor: Manling Li   *Mar 2024 – present*

Toyota Technological Institute at Chicago   Chicago, USA
Research Assistant, Advisor: Hongyuan Mei   *Dec 2022 – Mar 2024*

ExplainableAI group, Shanghai Jiao Tong University   Shanghai, China
Undergraduate Researcher, Advisor: Quanshi Zhang   *June 2021 – June 2022*

AWARDS & ACHIEVEMENTS

2023 Summer of Reproducibility (SoR 2023) Fellowship
Granted to students admitted to the SoR program, part of the NSF-funded REPETO Project.

Uchicago Pre-Doc Scholarship
Granted to students admitted to the pre-doctoral program, covers half of the tuition cost.

Outstanding Undergraduate Thesis
Awarded to undergraduates who have exhibited remarkable academic rigor and research aumen in their thesis work.

Uchicago Graduate Council Individual Award
To support graduate student conference presentations and travel research

Services

Talk

Open Source Research Experience (OSRE) 2023 Summer of Reproducibility   *Sep 2023*

Reviwer

Neurips 2023   *June 2023*

Grader

Univerity of Chicago, Toyota Technological Institute at Chicago   *Sep 2022 – Present*
- TTIC 31190 Natural Language Processing;
- TTIC 31230 Fundamentals of Deep Learning
- CMSC 27200 Theory of Algorithms