

Kangrui Wang

@ kangruiwang.cs@gmail.com |  LinkedIn |  GitHub |  Homepage

EDUCATION

Northwestern University

Ph.D in Computer Science;

University of Chicago

Pre-Doctoral M.S. in Computer Science;

Shanghai Jiao Tong University

B.E. in Computer Science and Engineering;

Evanston, USA

Sep 2024 - Present

Chicago, USA

Sep 2022 – Dec 2023

Shanghai, China

Sep 2018 – Jun 2022

PUBLICATION

* means co-first; † means co-corresponding

[Embodied Agent Interface: Benchmarking LLMs for Embodied 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***†, Xiao Chen 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 Oral

[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

MLL Group, Northwestern University

Research Assistant, Advisor: Manling Li

Stanford Vision and Learning Lab, Stanford University

Research Assistant, Advisor: Jiajun Wu

Toyota Technological Institute at Chicago

Research Assistant, Advisor: Hongyuan Mei

ExplainableAI group, Shanghai Jiao Tong University

Undergraduate Researcher, Advisor: Quanshi Zhang

Evanston, USA

Mar 2024 – present

Stanford, USA

Mar 2024 – present

Chicago, USA

Dec 2022 – Mar 2024

Shanghai, China

June 2021 – June 2022

SELECTED AWARDS

Summer of Reproducibility (SoR) 2023 Fellowship

UChicago Pre-Doc Scholarship

Outstanding Undergraduate Thesis

UChicago Graduate Council Individual Award

PROFESSIONAL SERVICES

Program Committee Member

EMNLP Demo Track 2024

Reviewer

NeurIPS 2023

EMNLP Demo Track 2024