

Zihan Wang

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EDUCATION

- **University of California, Berkeley** Berkeley, CA
Exchange Student Aug 2022 - Dec 2022
GPA: 4.00/4.00
Relevant Coursework: Deep Learning, Reinforcement Learning*, Artificial Intelligence
- **Renmin University of China** Beijing, China
B.S. Engineering Sep 2020 - Jun 2024 (expected)
GPA: Overall 3.69/4.00, Major 3.79/4.00 (5%)
Relevant Coursework: Linear Algebra, Machine Learning, Data Structure and Algorithm, Python Programming, C & C++ Programming, Statistics Theory, Probability Theory
* denotes graduate-level course

RESEARCH INTEREST

Natural Language Processing.

Interactive Language Models, Retrieval-Augmented Language Models, Question Answering, Chatbots

Information Retrieval.

Model-based IR, Conversational Search

PUBLICATION LIST

1. **Zihan Wang**, Yujia Zhou, Yiteng Tu, Zhicheng Dou. **NOVO: Learnable and Interpretable Document Identifiers for Model-Based IR**, *Submitted to CIKM 2023*.
2. Jiongnan Liu, Jiajie Jin, **Zihan Wang**, Jiehan Cheng, Zhicheng Dou, Ji-Rong Wen. **RetaLLM: A Retrieval-Augmented Large Language Model Toolkit**, *Arxiv Preprint*.
3. **Zihan Wang**, Hongjin Qian, Zhicheng Dou. **Learning on Structured Documents for Conditional Question Answering**, *The 22nd China National Conference on Computational Linguistics (CCL)*, 2023.

RESEARCH POSITION

- **University of Illinois, Urbana-Champaign** Champaign, IL
Research Intern Jun 2023 - Sep 2023 (expected)
 - **Advisor:** Heng Ji and Xingyao Wang.
 - **Topic:** Learning from Interactions for Language Models.
- **University of California, San Diego** San Diego, CA
Research Intern Aug 2022 - Dec 2022
 - **Advisor:** Pengtao Xie.
 - **Topic:** Neural Architecture Search for Out of Domain Generalization.
- **Beijing Key Laboratory of Big Data Management and Analysis Methods.** Beijing, China
Research Intern Jun 2021 - Jun 2024 (expected)
 - **Advisor:** Zhicheng Dou.
 - **Topic:** Model-Based IR, Retrieval Augmented Language Models and Conditional Question Answering.

HONORS AND AWARDS

- Honorable Awards (Top 10%). *CCF Big Data and Computing Intelligence Contest.* 2022
- Honorable Awards (Top 15%). *CCF Big Data and Computing Intelligence Contest.* 2021
- Academic Excellence Award (Top 3% GPA). *Renmin University of China.* 2021
- Merit Student Award. *Renmin University of China.* 2021
- Provincial First Prize. *Contemporary Undergraduate Mathematical Contest in Modeling.* 2021
- Honorable Mention. *Mathematical Contest in Modeling and Interdisciplinary Contest in Modeling.* 2021

INVITED TALKS

Large Language Models and Applications

Capital of Statistics

2022.03

Pre-trained Language Models and Applications

Mingli College

2022.01