Zihan Wang

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EDUCATION

- **University of California, Berkeley** — Berkeley, CA
  Exchange Student — *Aug 2022 - Sep 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: 3.71/4.00
  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*
  - **Advisor**: Zhicheng Dou.
  - **Topics**: 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

Large Language Models and Applications
Capital of Statistics   2022.03
Pre-trained Language Models and Applications
Mingli College   2022.01