Shiguang Wu

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[Google Scholar] [GitHub] [Twitter] [Webpage]

EDUCATION

M.Sc., Shandong University Information Retrieval Lab *Sep 2023 — June 2026 (Expected)*

- Supervised by Prof. Pengjie Ren and Prof. Zhaochun Ren

B.Sc., Shandong University Taishan College *Sep 2019 — Jun 2023*

- GPA: 92.44/100 (ranking 2/17)

PUBLICATIONS

[2025] **Shiguang Wu**, Zhaochun Ren, Xin Xin, Jiyuan Yang, Mengqi Zhang, Zhumin Chen, Maarten de Rijke, and Pengjie Ren, Constrained auto-regressive decoding constrains generative retrieval. *Proceedings of the 48th international ACM SIGIR conference on research and development in information retrieval* 2429–2440.

[2025] Wenhao Zhang, Mengqi Zhang, **Shiguang Wu**, Jiahuan Pei, Zhaochun Ren, Maarten de Rijke, Zhumin Chen, and Pengjie Ren, ExcluIR: Exclusionary neural information retrieval. *Proceedings of the AAAI Conference on Artificial Intelligence.* 39, 13295–13303.

[2024] **Shiguang Wu**, Xin Xin, Pengjie Ren, Zhumin Chen, Jun Ma, Maarten de Rijke, and Zhaochun Ren, Learning robust sequential recommenders through confident soft labels. *ACM Trans. Inf. Syst.* 43.

[2024] Pengjie Ren, Chengshun Shi, **Shiguang Wu**, Mengqi Zhang, Zhaochun Ren, Maarten de Rijke, Zhumin Chen, and Jiahuan Pei, Mini-ensemble low-rank adapters for parameter-efficient fine-tuning. *Proceedings of the 62nd annual meeting of the association for computational linguistics (volume 1: Long papers).*

[2024] **Shiguang Wu**, Wenda Wei, Mengqi Zhang, Zhumin Chen, Jun Ma, Zhaochun Ren, Maarten de Rijke, and Pengjie Ren, Generative retrieval as multi-vector dense retrieval. *Proceedings of the 47th international ACM SIGIR conference on research and development in information retrieval.* ***Best Paper Honorable Mention Award***.

EXPERIENCE

Internship Tencent WeChat *Feb 2025 — Present*

- Supervised by Dr. Hongyu Lu.

ACADEMIC SERVICES

Reviewer: Information Processing & Management (IP&M)

PC Member: AAAI'26, SIGIR'24, SIGIR-AP'25, WSDM'26, WWW'26

Resources: Awesome Transformers LM Analytics focusing on the theoretical analysis of language models.

AWARDS AND ACHIEVEMENTS

- National Outstanding Student Scholarship. *China.* 2022,2024,2025.
- Best Paper Honorable Mention. *SIGIR.* 2024.

- Outstanding Undergraduate Thesis Award. *Shandong University.* 2023.
- Outstanding Student Scholarship. *Shandong University.* 2020-2022.
- Mathematical Contest in Modeling. Second Prize. 2021.
- The 18th Certified Sofware Professional Examination. Top 2.65%. 2020.