

WENCHAO BAI

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EDUCATION

Southeast University, Jiangsu, China *Sep. 2022 - Present*
Ph.D. Candidate @ Computer Science and Engineering **GPA:** 3.52/4.0; **Rank:** 4/60 (Top 7%)

Northeastern University, Liaoning, China *Sep. 2018 - Jun. 2022*
B.Eng. @ Software Engineering **GPA:** 4.07/5.0; **Rank:** 3/49 (Top 6%)

INTERNSHIP EXPERIENCE

Shenzhen Institute of Computer Science, Guangdong, China *Jul. 2023 - Present*
Researcher Intern. @ Fundamental Research Center

RESEARCH INTERESTS

- **Data Theories:** Data integration, data quality, and data mining.
- **Data Systems:** Resource-Efficient systems, hardware (GPU) acceleration.
- **Data Agents:** Autonomous, reliable, and scalable data management over data lakes.

AWARDS

- **National Scholarship** (CNY 30,000) from the Ministry of Education of China. *Oct. 2025*
- **SIGMOD Student Travel Award** (USD 1,800) from SIGMOD and other sponsors. *May 2025*

SERVICE

TA: Algorithm Design and Analysis @ SEU (Undergraduated, Spring, 2025)

Reviewer: T-ITS'24, WWW'26

SELECTED PUBLICATIONS

- [1] Wenchao Bai, Wenfei Fan, Shuhao Liu, Kehan Pang, Xiaoke Zhu, and Jiahui Jin^{*}. Rule-based graph cleaning with gpus on a single machine. *Proceedings of the ACM on Management of Data*, 2025.