

# WENCHAO BAI

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## EDUCATION

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**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

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

## RESEARCH INTERESTS

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- **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

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- **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

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**TA:** Algorithm Design and Analysis @ SEU (Undergraduated, Spring, 2025)  
**Reviewer:** T-ITS'24, WWW'26

## SELECTED PUBLICATIONS

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