

Jiaju Chen

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Research Interests

Human-Centered AI, Domain Adaptation, Education Technology

Education

- | | |
|----------------|---|
| 2024 – Present | Rice University – Houston, Texas, USA
Master of Computer Science |
| 2020 – 2024 | East China Normal University – Shanghai, China
B.Sc. in Computer Science and Technology |

Honors and Scholarships

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|------------|---|
| 2023 | First Class Scholarship of East China Normal University |
| 2023, 2022 | Excellent Student Leader (Top 2%) of East China Normal University |
| 2021 | Special Scholarship (Top 2%) of East China Normal University |

Publications

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|------------|---|
| CHI 2025 | Characterizing LLM-Empowered Personalized Story-Reading and Interaction for Children: Insights from Multi-Stakeholder Perspectives
Jiaju Chen , Minglong Tang, Yuxuan Lu, Bingsheng Yao, Elissa Fan, Xiaojuan Ma, Ying Xu, Dakuo Wang, Yuling Sun, Liang He.
In <i>Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems</i> . |
| CHI 2025 | Live-Streaming-Based Dual-Teacher Classes for Equitable Education: Insights and Challenges From Local Teachers' Perspective in Disadvantaged Areas
Yuling Sun, Jiaju Chen , Xiaomu Zhou, Xiaojuan Ma, Bingsheng Yao, Kai Zhang, Liang He, Dakuo Wang.
In <i>Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems</i> . |
| EMNLP 2024 | StorySparkQA: Expert-Annotated QA Pairs with Real-World Knowledge for Children's Story-Based Learning
Jiaju Chen , Yuxuan Lu, Shao Zhang, Bingsheng Yao, Yuanzhe Dong, Ying Xu, Yunyao Li, Qianwen Wang, Dakuo Wang, Yuling Sun.
In <i>Proceedings of the 2024 Conference on Empirical Methods in Natural Language Processing</i> . |

CSCW 2024 **Exploring Parent’s Needs for Children-Centered AI to Support Preschoolers’ Interactive Storytelling and Reading Activities**
Yuling Sun, **Jiaju Chen**, Bingsheng Yao, Jiali Liu, Dakuo Wang, Xiaojuan Ma, Yuxuan Lu, Ying Xu, Liang He.
In *Proceedings of the ACM on Human-Computer Interaction*.

Preprints

In Submission to **Multi-Agent-as-Judge: Aligning LLM-Agent-Based Automated Evaluation with**
EMNLP 2025 **Multi-Dimensional Human Evaluation**
Jiaju Chen, Yuxuan Lu, Xiaojie Wang, Huimin Zeng, Jing Huang, Jiri Gesi, Ying Xu, Bingsheng Yao, Dakuo Wang.
In *arXiv preprint arXiv: 2507.21028*

Research Experience

2023 – Present **Northeastern University**, Human-Centered AI Lab, Research Assistant
Advisor: Dakuo Wang

Professional Experience

Summer 2025 **SLB** – Houston, Texas
Software Engineer Intern

Summer 2022 **Shanghai Baosight Software Co., Ltd.** – Shanghai, China
Research and Development Intern

Services

2025 **Reviewer @ EMNLP 2025**

2025 **Student Volunteer @ ACM CHI 2025**

2024 **Reviewer @ Information Processing and Management: an International Journal**

2024 **Reviewer @ ACL Rolling Review, Aug 2024**

Technical Skills

Programming languages: JavaScript, Python, C/C++, HTML, Java, SQL

Libraries/Platforms: React, VUE, Flask, PyTorch, Pandas

Languages: English (fluent), Mandarin (native)