Wenbo Li

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Education

2025 - present	Ph.D. in Computer Science	**North Carolina State University**
2023 - 2025	M.S. in Computer Science	**University of Southern California**
2019 - 2023	B.Eng. in Computer Science	**Hong Kong University of Science and Technology**

Projects

Creating Agentic Simulation Pipeline and Benchmark Dataset for Parent-Child Conversations over Sensitive Topics

Advised by Dr. Tiffany Barnes & Dr. Dongkuan Xu @ NCSU   Sept 2025 - Present

Designed and Experimented with the agentic pipeline to generate parent-child conversations over sexual health topics. Ongoing work includes crafting data source and designing expert evaluation rubrics.
In submission to ACL 26

Designing and Evaluating Strategies for LLM Agents to Advance Knowledge Co-Construction in Asynchronous Online Discussions

Advised by Prof. Xiaojuan Ma @ HKUST   Mar 2025 - Sept 2025

Accepted by CHI 26

Creating Dataset for Evaluating LLMs on Human Online Shopping Behavior Simulation

Advised by Prof. Dakuo Wang @ Northeastern University   Oct 2024 - May 2025

In submission to ACL 26

Publications

Sun, Lu et al. (2025). "LLM Agent Meets Agentic AI: Can LLM Agents Simulate Customers to Evaluate Agentic-AI-based Shopping Assistants?" In: *arXiv preprint arXiv:2509.21501*.

Wang, Ziyi et al. (2025). "OPeRA: A Dataset of Observation, Persona, Rationale, and Action for Evaluating LLMs on Human Online Shopping Behavior Simulation". In: *arXiv preprint arXiv:2506.05606*.

Zhang, Yuanhao et al. (2025). ""Shall We Dig Deeper?": Designing and Evaluating Strategies for LLM Agents to Advance Knowledge Co-Construction in Asynchronous Online Discussions". In: *arXiv preprint arXiv:2509.23327*.

Tabarsi, Benyamin et al. (2026). "SafeTalkCoach: Diversity-Driven Multi-Agent Simulation for Parent-Teen Health Conversations". In: *arXiv preprint arXiv:2602.00017*.

Skills

Full Stack Development	Frontend Development with Vue.js and React.js, Backend Development with Python (Flask), JavaScript (Express)
LLM-based Agent Development	Design and Develop LLM-based agents using APIs and different frameworks
Software Engineering Practices	Follow standard software engineering practices such as Git Issues and Pull Requests.