

# 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

## Experience

<b>Teaching Assistant</b> North Carolina State University	Aug 2025 - present
<b>Research Assistant</b> Northeastern University, advised by Prof. Dakuo Wang.	Oct 2024 - May 2025

## Projects

<b>Creating Agentic Simulation Pipeline and Benchmark Dataset for Parent-Child Conversations over Sensitive Topics</b> 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.	
<b>Designing and Evaluating Strategies for LLM Agents to Advance Knowledge Co-Construction in Asynchronous Online Discussions</b> Advised by Prof. Xiaojuan Ma @ HKUST	Mar 2025 - Sept 2025
Designed and executed user studies, including a group interview as formative study and a large scale user experiment. Designed and developed the experiment platform and agent architecture.	
<b>Creating Dataset for Evaluating LLMs on Human Online Shopping Behavior Simulation</b> Advised by Prof. Dakuo Wang @ Northeastern University	Oct 2024 - May 2025
Assist with Chrome Plug-in Development to gather user interaction traces by analyzing and parsing real world web structures. Assist with post-processing of user interaction data	

## 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*.

## Skills

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