Yuxuan Li

Second-year Ph.D. Student

Human-Computer Interaction Institute, School of Computer Science
Carnegie Mellon University
yuxuanll@andrew.cmu.edu • https://yuxuanli.com/
5000 Forbes Ave, Newell-Simon Hall 2609, Pittsburgh, PA 15213

EDUCATION

2024–present	**Carnegie Mellon University** Ph.D. in Human-Computer Interaction, School of Computer Science Advisors: Hirokazu Shirado & Sauvik Das
2023	**University of California, Berkeley** Research Intern Advisor: Coye Cheshire
2020–2024	**Tsinghua University** B.S. in Computer Science, Computer Science and Technology Department Advisors: Chun Yu & Yuanchun Shi

PUBLICATIONS

Conference

[C2] **EMNLP '25**	**Spontaneous Giving and Calculated Greed in Language Models** <u>Yuxuan Li</u>, Hirokazu Shirado *Conference on Empirical Methods in Natural Language Processing, 2025* **Oral Presentation**
[C1] **FAccT '25**	**Actions Speak Louder than Words: Agent Decisions Reveal Implicit Biases in Language Models** <u>Yuxuan Li</u>, Hirokazu Shirado, Sauvik Das *ACM Conference on Fairness, Accountability, and Transparency, 2025*

Preprint

[P5] **CHI '26**	**What Makes LLM Agent Simulations Useful for Policy? Insights From an Iterative Design Engagement in Emergency Preparedness** <u>Yuxuan Li</u>, Sauvik Das, Hirokazu Shirado *Under review at ACM Conference on Human Factors in Computing Systems, 2026*
[P4] **ICLR '26**	**HiddenBench: Assessing Collective Reasoning in Multi-Agent LLMs via Hidden Profile Tasks** <u>Yuxuan Li</u>, Aoi Naito, Hirokazu Shirado *Under review at International Conference on Learning Representations, 2026*

[P3] **CHI '26**	**CoSim: LLM-based Simulation System Trains Student Counselors to Communicate with College Students Experiencing Stress and Anxiety**
	Jie Cai, Wenjing Deng, Yunfei Chen, Yanshan Lin, Dongzhe Zheng, He Zhang, **Yuxuan Li**$^\diamond$, John M. Carroll, Weite Zhang, Chun Yu ($^\diamond$denotes corresponding author)
	Under review at ACM Conference on Human Factors in Computing Systems, 2026
[P2] **ᴀʀXɪᴠ '24**	**A Human-Computer Collaborative Tool for Training a Single Large Language Model Agent into a Network through Few Examples**
	Lihang Pan*, **Yuxuan Li***, Chun Yu, Yuanchun Shi (*denotes equal contribution)
	arXiv, 2024
[P1] **ᴀʀXɪᴠ '24**	**Say Your Reason: Extract Contextual Rules In Situ for Context-aware Service Recommendation**
	Yuxuan Li, Jiahui Li, Lihang Pan, Chun Yu, Yuanchun Shi
	arXiv, 2024

AWARDS & HONORS

2023	**Academic Excellence Scholarship**
	Tsinghua University
2022	**Academic Excellence Scholarship**
	Tsinghua University
2021	**Athletic Excellence Scholarship**
	Tsinghua University
2020	**Freshman Scholarship**
	Tsinghua University

WORKSHOPS ORGANIZED

[W1] **CHI 2026**	**PoliSim@CHI 2026: LLM Agent Simulation for Policy**
	Yuxuan Li, Wesley Hanwen Deng, Xuhui Zhou, Kevin Klyman, Chun Yu, Yuanchun Shi, Nicholas Vincent, Amy X. Zhang, Maarten Sap, Sauvik Das, Hirokazu Shirado
	Under review at ACM Conference on Human Factors in Computing Systems, 2026

MEDIA COVERAGE

2025	**Study: AI Models Show 60% Drop in Cooperation When Reasoning**
	By *AI Buzz*
2025	**Is AI Becoming Selfish? CMU Researchers Discover Certain AI Models Adopt Self-Seeking Behavior**
	By *CMU SCS News*

MENTORSHIP

2025–present	**Leyang Li**, undergrad at University of Notre Dame Ongoing project for IEEE S&P 2026
2025–present	**Jason Alexander**, undergrad at University of Massachusetts, Amherst Ongoing project for FAccT 2026

INVITED TALKS AND GUEST LECTURES

11/2025	**Spontaneous Giving and Calculated Greed in Language Models** Carnegie Mellon University, Foundations of Cooperative AI Lab
10/2025	**Examine Machine Behavior and Simulate Society with Social Agents** Georgia Institute of Technology, Graph Computation and Machine Learning Lab
10/2025	**Examine Machine Behavior and Simulate Society with Social Agents** Carnegie Mellon University, Social Web Course
10/2025	**Examine Machine Behavior and Simulate Society with Social Agents** Carnegie Mellon University, FEAT (Fairness, Ethics, Accountability, Transparency) AI Seminar
06/2025	**Actions Speak Louder than Words: Agent Decisions Reveal Implicit Biases in Language Models** Microsoft Research, alt.FAccT
11/2024	**A Practical Guide to Building Social Agents** Carnegie Mellon University, Social Agent Course