

Kehang Zhu

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EDUCATION	Harvard University Ph.D. Physics		2021 - Present
	Harvard University S.M., Computer Science		2024
	University of Science and Technology of China B.A. Physics (<i>summa cum laude</i>)		2021
REFERENCES	John J. Horton (Chair) MIT Sloan School of Management jjhorton (at) mit.edu	David C. Parkes Harvard University parkes (at) eeecs.harvard.edu	
	Nithum Thain Google DeepMind nthain (at) google.com	Michael J. Curry University of Illinois Chicago mjc (at) uic.edu	
GRANTS (\$150,000)	Google DeepMind Seed Fund (\$50,000; Co-PI w/ John J. Horton)		2024
	DropBox Research Fund (\$100,000; Co-PI w/ John J. Horton)		2023
AWARDS & SCHOLARSHIPS	Harvard Student Teaching Award		2024
	Introduction to Technical AI Safety Fellowship		2023
	Harvard Purcell Fellowship		2021
WORKING PAPERS	Automated Social Science: Language Models as Scientist and Subjects (Benjamin S. Manning ¹ , Kehang Zhu ¹ , & John J. Horton) Reject & Resubmit at <i>The Quarterly Journal of Economics</i>		
	Choose Your Agent: Tradeoffs in Adopting AI Advisors, Coaches, and Delegates in Multi-Party Negotiation (Kehang Zhu ¹ , Nithum Thain Vivian Tsai, James Wexler, & Crystal Qian) <i>Under Review of Conference of Computer-Human Interaction (CHI)</i>		
	Strategic Tradeoffs Between Humans and AI in Multi-Agent Bargaining (Crystal Qian ¹ , Kehang Zhu ¹ , John J. Horton, Benjamin S. Manning, Vivian Tsai, James Wexler, & Nithum Thain) <i>Under Review of Conference of Intelligent User Interfaces (IUI)</i>		
	Learning from Synthetic Laboratory: Language Model Agents as Auction Participants (Kehang Zhu ¹ , Anad Shah ¹ , Yancheng Jiang, Jeffrey Wang, Kerem Dayi, John Horton, & David Parkes) Under Review of <i>ICLR</i> Machine Behavior Workshop at <i>NeurIPS</i> , 2024		
	Reading between the pixels: Investigating the barriers to visualization literacy (Carolina Nobre ¹ , Kehang Zhu ¹ , Eric Moerth, Hanspeter Pfister & Johanna Beyer) <i>Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems</i> , 2024		

¹Indicates first author or co-first authors

IN PROGRESS	LLM-Powered Preference Elicitation in Combinatorial Assignment (Ermis Soumalias ¹ , Yanchen Jiang ¹ , Kehang Zhu ¹ , Michael Curry, Sven Seuken & David C Parkes)
TALKS ²	<ul style="list-style-type: none"> • Conference on Artificial Intelligence, Machine Learning, and Business Analytics (2025) Oral: An Experimental Study of AI Agent Delegation in multi-player Negotiation • Harvard EconCS Seminar (2025) Oral: An Experimental Study of AI Agent Delegation in multi-player Negotiation • ACM Conference on Economics and Computation (EC 2025) Poster: Strategic Tradeoffs Between Human and AI Agents in Bargaining Games. • NBER Summer Institute—Digital Economics and Artificial Intelligence Workshop (2024) Plenary: Automated Social Science: Language Models as Scientist and Subjects • ACM Conference on Economics and Computation (EC 2024) Workshop: Learning from Synthetic Labs: Language Models as Auction Participants. • International Conference on Computational Social Science (IC2S2 2024) Oral: Automated Social Science: Language Models as Scientist and Subjects • ACM Collective Intelligence Conference, Boston Oral: Automated Social Science: Language Models as Scientist and Subjects • Microsoft Research – AI, Cognition, and the Economy (AICE) Workshop Oral: Automated Social Science: Language Models as Scientist and Subjects • AI and the Future of Work Conference, Wharton School Oral: Automated Social Science: Language Models as Scientist and Subjects • Measuring Development, World Bank (MeasureDev 2024) Oral: Automated Social Science: Language Models as Scientist and Subjects • Econometric Society Interdisciplinary Frontiers Conference on Economics and AI+ML Oral: Automated Social Science: Language Models as Scientist and Subjects • American Causal Inference Conference (ACIC 2024) Poster: Automated Social Science: Language Models as Scientist and Subjects • International Conference of the French Association of Experimental Economics (ASFEE 2024) Oral: Automated Social Science: Language Models as Scientist and Subjects • Data Science Summit (DataFun 2024) Oral: Automated Social Science: Language Models as Scientist and Subjects • AI Institute for Artificial Intelligence and Fundamental Interactions (2024) Oral: Automated Social Science: Language Models as Scientist and Subjects • Interactive Causal Learning Conference (ICLC 2023) Oral: Automated Social Science using Language Models and Structural Causal Models. • MIT Conference on Digital Experimentation (CODE 2023) Oral: Automated Social Science using Language Models and Structural Causal Models g
TEACHING	<p><i>15.S42</i>: Leadership in the Age of Gerative AI, Guest Lecturer for John J. Horton—MIT Sloan School of Management, Spring 2025</p> <p><i>AI Summer School</i>: Introduction to Language Models and Applications in Business; Lecturer, Harvard University, Summer 2024</p>

²Includes co-author presentation

AFFILIATIONS	MIT Initiative of Digital Economy, Harvard EconCS Group	
PROFESSIONAL SERVICE	<i>Southern Economic Journal, Conference on Neural Information Processing Systems (NeurIPS), Conference on Digital Experimentation (CODE), ACM-Collective Intelligence(CI), International Conference on Computational Social Science (IC2S2), International Conference on Learning Representations (ICLR), International Conference on Machine Learning (ICML), ACM Conference on Human Factors in Computing Systems (CHI), ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)</i>	
EMPLOYMENT	Sloan School of Management, Massachusetts Institute of Technology Research Assistant for John Horton	2023 - 2026
	Google DeepMind Research Intern	2025
	Harvard College AI Course Developer	2024
	Applify.ai Natural Language Processing Researcher	2022 - 2023