





Yuhan Liu

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Research Interest	Human-Computer Interaction, Social Computing , Decentralized Sociotechnical Systems	
Education	<i>Ph.D. Candidate in in Computer Science</i>	2022-current
	Princeton University	Princeton, USA
	Advised by Dr. Andrés Monroy-Hernández	
	<i>Master of Information Systems Management</i>	2019-2020
	Carnegie Mellon University	Pittsburgh, USA
	<i>B.Eng. Software Engineering</i>	2015-2019
	Tianjin University	Tianjin, China
Publications	<i>Peer-reviewed Papers</i>	
	<ol style="list-style-type: none">4. Mapping the Landscape of Independent Food Delivery Service in the United States. <u>Yuhan Liu</u>[*], Amna Liaqat[*], Owen Xingjian Zhang, Mariana Consuelo Fernandez Espinosa, Ankhitha Manjunatha, Alexander Yang, Orestis Papakyr-iakopoulos, Andrés Monroy-Hernández. CSCW 20243. Exploring Trade-offs for Online Mental Health Matching: An Agent-Based Modeling Study. <u>Yuhan Liu</u>[*], Anna Fang[*], Robert E. Kraut, Glen Moriarty, Haiyi Zhu. JMIR 20242. Understanding Human Intervention in the Platform Economy: A case study of an indie food delivery service. Samantha Dalal, Ngan Chiem, Nikoo Karbassi, <u>Yuhan Liu</u>, Andrés Monroy-Hernández. CHI 20231. Comparing Experts and Novices for AI Data Work: Insights on Allocating Human Intelligence to Design a Conversational Agent. Lu Sun, <u>Yuhan Liu</u>, Grace Joseph, Zhou Yu, Haiyi Zhu, Steven P. Dow. HCOMP 2022	
	<i>Workshop Papers</i>	
	<ol style="list-style-type: none">2. Evaluating Fairness in Black-box Algorithmic Markets: A Case Study of Ride Sharing in Chicago. <u>Yuhan Liu</u>, Yuhan Zheng, Siyuan Zhang, Lydia T. Liu ICML 2024 Workshop Humans, Algorithmic Decision-Making and Society: Modeling Interactions and Impact1. Should Policymakers be Involved? Understanding the Opinions and Needs for Independent Food Delivery Platforms in the United States regarding Public Policy.	

Yuhan Liu, Amna Liaqat, Andrés Monroy-Hernández.
 CHI 2023 Workshop
 Designing Technology and Policy Simultaneously: Towards A Research
 Agenda and New Practice

Patents

2. **Intelligent classifying garbage can based on image recognition technology.**
 CN Patent 109305490A
 Filed October 14, 2018, and issued February 5, 2019
1. **Comprehensive identification-based intelligent classification traditional garbage can reforming device.**
 CN Patent 109264255A
 Filed October 17, 2018, and issued January 25, 2019.

Research Experience	Research Assistant Princeton HCI Lab Research Supervisor: Dr. Andrés Monroy-Hernández Research Topics: Future of Work, Decentralized Social Media	2021-current Princeton University
	Research Assistant Social AI Group Research Supervisor: Dr. Haiyi Zhu , Dr. Robert E. Kraut Research Topics: Online Communities, Agent-Based Modeling	2021 Carnegie Mellon University
	Research Assistant Social AI Group Research Supervisor: Dr. Haiyi Zhu , Dr. Steven P. Dow Research Topics: Crowdsourcing, Conversational Agent	2020 Carnegie Mellon University
Employment	Research Intern Digital Experiences R&D, Accenture Labs	2024 NJ
	Research Intern Palette Labs	2023 Remote
Teaching	Princeton University • <i>Teaching Assistant & Preceptor</i> • COS 436: Human-Computer Interaction	FA23, FA24
	Carnegie Mellon University • <i>Teaching Assistant</i> • 95760: Decision Making Under Uncertainty • 46902: Financial Computing	FA20 SP20
Honors and Awards	First year Fellowship in Natural Sciences and Engineering \$100,410, Princeton University	2022
	Graduate Fellowship in Data-Driven Social Science \$2,400, Princeton University	2023, 2024
	Special Recognitions for Outstanding Reviews	

**Academic
Service**

Reviewer

- Mensch und Computer 2024
- UIST 2024
- CSCW 2024
- DIS 2024
- Creativity & Cognition 2024
- The Web Conf 2024
- CHI 2022, 2023
- CSCW 2022

Student Volunteer

CSCW 2022, 2023

Others

- [HCI.SOCIAL](#) Mastodon Instance: Admin & Moderator
- [Princeton Micro Blogs](#) Mastodon Instance: Admin & Moderator
- [Decentralized Social Media Workshop 2024](#): Organizer

Skills

Programming Languages: Python, Java, Javascript, C++, PHP, C#, Solidity
Tools: Git, Figma, Google Cloud Platform, Docker, AWS