

Jiwon Moon

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RESEARCH INTERESTS

I am a researcher in Human–Robot Interaction and Human–Centered AI, focused on designing and evaluating interactive systems that enable transparent, reliable collaboration with intelligent agents. My work combines mixed-methods user studies with quantitative & qualitative analysis and end-to-end system development. My research interests also include human–AI interaction, interaction design, explainability, and equitable collaboration in team-based settings.

Keywords: Human–Robot Interaction (HRI) · Human–Computer Interaction (HCI) · Human Behavioral Modeling · Interaction Dynamics · Human-Centered Design

EDUCATION

2025 – 2030 **University of Chicago** | Physical Sciences Division
(expected) Ph.D. Computer Science
Advisor: Sarah Sebo

2021 – 2025 **Johns Hopkins University** | Department of Computer Science
B.S. Computer Science
Advisor: Chien-Ming Huang, Ziang Xiao

PUBLICATIONS

* denotes equal contribution

- 2026 **Reframing Conversational Design in HRI: Deliberate Design with AI Scaffolds**
Shiye Cao, [Jiwon Moon](#), Yifan Xu, Anqi Liu, Chien-Ming Huang
IEEE/ACM International Conference on Human-Robot Interaction (HRI) | Full Paper
- Understanding the Affordances of Control in AI Reasoning for Human-AI Decision-Making**
[Jiwon Moon](#), Chien-Ming Huang, Ziang Xiao
ACM Conference on Human Factors in Computing Systems (CHI) | Extended Abstract
- 2025 **Interruption Handling for Conversational Robots**
Shiye Cao*, [Jiwon Moon](#)*, Amama Mahmood, Victor Nikhil Antony, Ziang Xiao, Anqi Liu, Chien-Ming Huang
Robotics: Science and Systems (RSS) | Full Paper

RESEARCH EXPERIENCE

2025 – Present **Graduate Researcher**, University of Chicago | Advisor: Sarah Sebo

- [Human–Robot Interaction Lab](#)

2023 – 2025 **Undergraduate Researcher**, Johns Hopkins University | Advisors: Chien-Ming Huang, Ziang Xiao

- [Laboratory for Computational Sensing and Robotics \(LCSR\)](#) and [Intuitive Computing Lab](#)

TEACHING EXPERIENCE

* *TA = Teaching Assistant*

2025	TA	CS 601.433 / 633 Introduction to Algorithms	Dr. Gagan Garg
2024	TA	CS 601.230 Mathematical Foundations for Computer Science	Dr. Gagan Garg
2024	TA	CS 601.433 / 633 Introduction to Algorithms	Dr. Gagan Garg
2022 - 2023	TA	EN 661.110 Professional Writing and Communications	Professor Len Foxwell

HONORS AND AWARDS

2025	Honorable Mention Award , CRA Outstanding Undergraduate Researcher Awards
2021 - 2025	Dean's List , Johns Hopkins University

SERVICE

2026 - Present	Treasurer of Social Committee , Physical Science Department, University of Chicago
2025 - Present	Chair of Graduate Women in Computer Science (GWiCS) , University of Chicago
2026	Reviewer for Forecast @ICML Workshop (4 Papers)
2025	Reviewer for CHI (1 Paper)
2024	Accessibility Specialist , Carey Business School, Johns Hopkins University
2022 - 2025	Head Intern , HopStart Business Competition, Johns Hopkins University

MENTORSHIP

2026	Ali Mardan, University of Chicago, Masters Student
2026 - Present	Paul Hrynevych, University of Chicago, Undergraduate Student
2026 - Present	Sebastian Altomare, University of Chicago, Undergraduate Student

SKILLS

<i>Programming</i>	Python, Java, C#, C/C++, Julia, MATLAB, SQL, R, JavaScript, HTML/CSS, Docker, Git
<i>Software</i>	ROS2, JMP, Microsoft's Platform for Situated Intelligence, ELAN, MaxQDA