

## RESEARCH INTERESTS

My research interest is at the intersection of Human-AI interaction, computational methods, and haptics. I study multimodal haptic perception and develop AI-powered computational systems and tools for designing perceptually grounded haptic experiences.

## EDUCATION

<b>Arizona State University</b>	Tempe, AZ
<i>Ph.D. in Computer Science</i>	2023 - 2028 (expected)
GPA: 4.00/4.00   Fulton Fellowship Award	
<b>Carnegie Mellon University</b>	Pittsburgh, PA
<i>Master of Science in Electrical and Computer Engineering</i>	2021 - 2023
GPA: 3.71/4.00	
<b>The Hong Kong Polytechnic University</b>	Hong Kong
<i>Bachelor of Engineering in Electronic and Information Engineering</i>	2017 - 2021
GPA: 3.82/4.00   With First Class Honours	
<b>University of Cambridge</b>	Cambridge, UK
<i>Pembroke College Summer Visiting</i>	2019

## CONFERENCE AND JOURNAL PUBLICATIONS

1. **Yinan Li**, Hasti Seifi. Sound2Hap: Learning Audio-to-Vibrotactile Haptic Generation from Human Ratings. *To Appear In Proceedings of the 2026 ACM Conference on Human Factors in Computing Systems (CHI '26)*, page 1-19.
2. **Yinan Li**, Hasti Seifi. Mutual Masking and Perceptual Simultaneity in Electrical Muscle Stimulation and Vibration Haptics. *IEEE Transactions on Haptics 18, 4 (October 2025)*, page 1057–1070.
3. **Yinan Li**, Hasti Seifi. A Video-Based Crowdsourcing Study on User Perceptions of Physically Assistive Robots. *In Proceedings of the Extended Abstracts of the 2025 ACM Conference on Human Factors in Computing Systems (CHI EA '25)*, page 1-8.
4. Soheil Kianzard, **Yinan Li**, Hasti Seifi. Feel the Connection: Haptic Enhanced Interaction with an AI Agent. *In Proceedings of the Extended Abstracts of the 2025 ACM Conference on Human Factors in Computing Systems (CHI EA '25)*, page 1-8.
5. Seyun Kim, Jonathan Ho\*, **Yinan Li\***, Bonnie Fan, Willa Yunqi Yang, Jessie Ramey, Sarah E Fox, Haiyi Zhu, John Zimmerman, Motahhare Eslami. Integrating Equity in Public Sector Data-Driven Decision Making: Exploring the Desired Futures of Underserved Stakeholders. *Proceedings of the ACM on Human-Computer Interaction 8, CSCW2 (November 2024)*, page 1-39. (\*Authors contributed equally)
6. Kevin John, **Yinan Li**, Hasti Seifi. AdapTics: A Toolkit for Creative Design and Integration of Real-Time Adaptive Mid-Air Ultrasound Tactons. *In Proceedings of the 2024 ACM Conference on Human Factors in Computing Systems (CHI '24)*, page 1-15.

## ORGANIZED WORKSHOPS

1. Easa AliAbbasi, Dennis Wittchen, **Yinan Li**, Shihan Lu, Thomas Müller, Donald Degraen, Thomas Leimkühler, Sang Ho Yoon, Hasti Seifi, Oliver Schneider, Heather Culbertson, Jürgen Steinle, Paul Strohmeier. AI for Haptics and Haptics for AI: Challenges and Opportunities. *To Appear In Proceedings of the Extended Abstracts of the 2026 ACM Conference on Human Factors in Computing Systems (CHI EA '26)*, page 1-7.

AWARDS AND HONORS	<b>Fulton Fellowship Award</b> , Ira A. Fulton Schools of Engineering, Arizona State University	2023
	<b>Best GPA Award</b> , Department of Electronic and Information Engineering, The Hong Kong Polytechnic University	2020
	<b>2nd Runner-up Award</b> , 5th HK University Student Innovation and Entrepreneurship Competition, Team Awards	2019
	<b>National Bronze Medal</b> , 5th China “Internet+” Innovation and Entrepreneurship Competition, Team Awards	2018
	<b>Dean's Honors List</b> , Faculty of Engineering, The Hong Kong Polytechnic University	2018
ACADEMIC RESEARCH EXPERIENCE	<b>Arizona State University, School of Computing and Augmented Intelligence</b> Tempe, AZ Research Assistant in TEAL Lab, supervisor: Dr. Hasti Seifi Research Topics: Haptics	June 2023 - Present
	<b>Carnegie Mellon University, Human-Computer Interaction Institute</b> Pittsburgh, PA Research Assistant in 4A Lab, supervisor: Dr. Motahhare Eslami May 2022 - May 2023 Research Topics: Responsible AI, ML Fairness, Social Computing, Data-Driven Decision	
	<b>Carnegie Mellon University, The Robotics Institute</b> Pittsburgh, PA Research Intern in Biorobotics Lab, supervisor: Dr. Howie Choset May - August 2020 Research Topics: Image Segmentation, Transfer Learning, Robot Simulation	
	<b>Reviewer (10+ papers)</b> ACM Conference on Human Factors in Computing Systems (CHI), 2024, 2025, 2026 ACM Symposium on User Interface Software and Technology (UIST), 2025 IEEE World Haptics Conference (WHC), 2025 ACM Designing Interactive Systems Conference (DIS), 2025  Special Recognitions for Outstanding Reviews <b>Assistant for Subcommittee Chair</b> Assistant for Interacting with Devices Subcommittee CHI 2026 <b>Program Committee</b> Associate Chair for ACM CHI (Posters, 2026)	
TEACHING EXPERIENCE	<b>Arizona State University, School of Computing and Augmented Intelligence</b> Teaching Assistant for CSE463 Introduction to Human-Computer Interaction	Fall 2024
MENTORING EXPERIENCES	<b>Alyssa Duranovic</b> , ASU CS Undergraduate Student Honors Thesis Committee Member	Fall 2025 - Spring 2026