Ziang Xiao

JOHNS HOPKINS
WHITING SCHOOL
of ENGINEERING | **Computer Science**

"Seeing us through machines: Designing AI to understand humans"

📅 Tuesday, February 22, 2022

🕐 10:45 AM – 12:00 PM

▮▮ https://wse.zoom.us/j/92760569296

ABSTRACT

Many societal issues, such as health care, voting, etc., require decision-makers to study their stakeholders to design interventions or make a policy change. How do we conduct robust, generalizable, and engaging studies about human behavior? In this talk, I will share my vision on the role of AI in the quest of understanding humans and how could we approach such a future. I will introduce my work on designing and building conversational AI to conduct engaging surveys and collect high-quality information. I will first demonstrate the effectiveness of conversational AIs in transforming online survey experiences through a field study. Then, I will present a human-in-the-loop framework to create more effective interview chatbots with active listening skills. In the end, I will talk about my future research perspectives on designing and developing human-centered AI to understand humans for social change.

BIOGRAPHY

Ziang Xiao is a Ph.D. candidate in Computer Science at the University of Illinois Urbana-Champaign. For more information, click here.

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