

# Longjie Guo

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## Research Interests

human-computer interaction, social computing, human-AI interaction

## Education

### University of Wisconsin-Madison

Bachelor of Science (B.S.), Computer Sciences, Psychology

2021 - 2023

Madison, WI

### Beijing Language and Culture University

Language Intelligence and Technology

2019 - 2021

Beijing, China

## Research Experience

### Software and Societal Systems Department, Carnegie Mellon University

05/2022 - Present

Research Intern, Mentor: Amy Ogan, Other PIs: John Zimmerman, Yuvraj Agarwal, Chris Harrison Pittsburgh, PA

*Research Experiences for Undergraduates in Software Engineering (REUSE)*

AI-assisted professional informatics for classroom sensing

### Department of Computer Sciences, University of Wisconsin-Madison

01/2022 - Present

Undergraduate Researcher, Mentor: Jacob Thebault-Spieker

Madison, WI

*Wisconsin Science and Computing Emerging Research Stars (WISCERS)*

Contributor dynamics in volunteer microtasking in Humanitarian OpenStreetMap; Contextualized Social Media Affordances

### Interactive Learning and Design Lab, University of Wisconsin-Madison

09/2021 - 05/2022

Undergraduate Research Assistant, Supervisor: Sadhana Puntambekar

Madison, WI

SimSnap: Orchestrating collaborative learning in biology through reconfigurable simulations

## Publications

[1] Yaxuan Yin, **Longjie Guo**, & Jacob Thebault-Spieker. Productivity or Equity? Tradeoffs in Volunteer Microtasking in Humanitarian OpenStreetMap. Under Review.

## Presentations and Posters

“Data Visualization for Multimodal Classroom Sensing”, Research Experiences for Undergraduates in Software Engineering (REUSE) Poster Session, Carnegie Mellon University

08/2022

## Service

Student Volunteer, ACM Computer-Supported Cooperative Work & Social Computing (CSCW)

11/2022

## Skills

**Technical:** Python, Java, C, C++, JavaScript, HTML, CSS, React.js, Machine Learning

**Data Analysis:** Python (Numpy, Pandas, Matplotlib), SQL, R

**User-Centered Research:** user interview, speed dating

**Design:** Figma, Adobe Photoshop

**Languages:** Chinese (native), English (advanced)

## **Awards & Honors**

**Bryan's Aspiring Psychology Student Award**, Department of Psychology, University of Wisconsin-Madison **06/2022**

**Undergraduate Scholarship for Summer Study**, University of Wisconsin-Madison **04/2022**

**Dean's List**, College of Letters & Science, University of Wisconsin-Madison **12/2021, 05/2022**

**National Scholarship**, Ministry of Education of China **10/2020**