

# Longjie Guo

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## Research Interests

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

## Education

### University of Wisconsin-Madison

B.S., Computer Sciences, Psychology, GPA: 4.0/4.0

2021 - 2023

Madison, WI

### Beijing Language and Culture University

Language Intelligence and Technology

2019 - 2021

Beijing, China

## Research Experiences

### Institute for Software Research, Carnegie Mellon University

*REU Research Intern, Mentors: Amy Ogan, John Zimmerman, Yuvraj Agarwal, Chris Harrison*

Professional informatics and privacy for classroom ubiquitous sensing

05/2022 - Present

Pittsburgh, PA

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

*Undergraduate Researcher, Mentor: Jacob Thebault-Spieker*

Productivity and inequity of volunteer microtasking in Humanitarian OpenStreetMap; Contextualized user behavior in online social systems

01/2022 - Present

Madison, WI

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

*Undergraduate Research Assistant, Supervisor: Sadhana Puntambekar*

SimSnap: Orchestrating collaborative learning in biology through reconfigurable simulations

09/2021 - 05/2022

Madison, WI

## Publications

[1] Yaxuan Yin, **Longjie Guo**, & Jacob Thebault-Spieker. Productivity or Equity? Tradeoffs in Volunteer Microtasking in Humanitarian OpenStreetMap. *In submission to ACM CSCW 2023*.

## 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

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

**UX Research:** user interview, storyboarding  
**Design:** Figma, Adobe Photoshop  
**Languages:** Chinese (native), English (advanced)

## **Awards & Honors**

<b>Bryan's Aspiring Psychology Student Award</b> , Department of Psychology, University of Wisconsin-Madison	06/2022
<b>Undergraduate Scholarship for Summer Study</b> , University of Wisconsin-Madison	04/2022
<b>Dean's List</b> , College of Letters & Science, University of Wisconsin-Madison	12/2021, 05/2022
<b>National Scholarship</b> , Ministry of Education of China	10/2020