

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

Software and Societal Systems Department, Carnegie Mellon University

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

Human-AI collaboration in classroom sensing for professional development

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. 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

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

UX Research: user interview, storyboarding
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