

Longjie Guo

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Research Interests

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

Education

University of Wisconsin-Madison 2021 - 2023
B.S., Computer Sciences, Psychology, GPA: 4.0/4.0 Madison, WI

Beijing Language and Culture University 2019 - 2021
Language Intelligence and Technology Beijing, China

Research Experiences

Institute for Software Research, Carnegie Mellon University 05/2022 - Present
REU Research Intern, Mentors: Amy Ogan, John Zimmerman, Yuvraj Agarwal, Chris Harrison Pittsburgh, PA
Professional informatics and privacy for classroom ubiquitous sensing

Department of Computer Sciences, University of Wisconsin-Madison 01/2022 - Present
Undergraduate Researcher, Mentor: Jacob Thebault-Spieker Madison, WI
Productivity and inequity of volunteer microtasking in Humanitarian OpenStreetMap; User reaction interfaces in online social systems

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. *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

Skills

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

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

Behavioral: user interview, experimental design, storyboarding

Design: Figma, Adobe Photoshop
Language: Chinese (native), English (advanced)

Awards & Honors

Bryan's Aspiring Psychology Student Award , Dept. 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