

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, 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

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)

Human-AI collaboration and 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