

Yinan Wu

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Profile

A PhD student in Computer Science specializing in **Software Engineering** and **Human-Computer Interaction**. Experienced in user study design, usability evaluation, and mixed-methods analysis. Skilled at bridging empirical research with practical design to enhance usability, developer experience, and productivity. Passionate about advancing user experience through human-centered, data-driven methodology.

Education

PhD in Computer Science <i>North Carolina State University</i>	Aug 2024 – Present <i>Raleigh, USA</i>
MSc in Computer Science (Distinction) <i>University of Birmingham</i>	Sep 2022 – Dec 2023 <i>Birmingham, UK</i>
BEng in Materials Chemistry (Minor in English) <i>University of Science and Technology Beijing</i>	Aug 2015 – Jul 2019 <i>Beijing, China</i>

Publications

How Do Developers Interact with AI? An Exploratory Study on Modeling Developer Programming Behavior Yinan Wu, Ze Shi Li, Kathryn Thomasset Stolee, Bowen Xu Research Track International Conference on the Foundations of Software Engineering (FSE) 2026	Apr 2026
Hidden Licensing Risks in the LLMware Ecosystem Bo Wang, Yueyang Chen, Jieke Shi, Minghui Li, Yunbo Lyu, Yinan Wu, Youfang Lin, Zhou Yang Research Track International Symposium on Software Testing and Analysis (ISSTA) 2026	Apr 2026
Test Code Review in the Era of GitHub Actions: A Replication Study Hui Sun, Yinan Wu, Wesley K.G. Assunção, Kathryn Thomasset Stolee Under submission to Empirical Software Engineering (EMSE)	Mar 2026
Fast Code, Heavy Heart: Emotional Responses in AI-Assisted Programming Yinan Wu, Ze Shi Li, Kathryn Thomasset Stolee, Bowen Xu Poster Symposium on Visual Languages and Human-Centric Computing (VL/HCC) 2025	Aug 2025
Learning from the Best: What Makes a Hugging Face Model Popular? Yinan Wu, Zhou Yang, Bowen Xu, Bo Wang, Bach Le, David Lo Registered Reports International Conference on Software Maintenance and Evolution (ICSME) 2025	Jul 2025

Experience

Research Assistant (Summer) <i>Supervisor: Dr. Dominik Wermke, Department of Computer Science, NC State</i>	May 2026 – Aug 2026 <i>Raleigh, USA</i>
Research Assistant <i>Supervisor: Dr. Bowen Xu, Department of Computer Science, NC State</i>	Aug 2024 – Aug 2025 <i>Raleigh, USA</i>
Research Engineer <i>Supervisor: Dr. David Lo, School of Computing and Information Systems, SMU</i>	Jan 2024 – Aug 2024 <i>Singapore</i>

Teaching

Teaching Assistant

Computer Security, NC State

Jan 2026 – Apr 2026

Raleigh, USA

Teaching Assistant

CSC 554 Human-Computer Interaction (HCI), NC State

Aug 2025 – Dec 2025

Raleigh, USA

Skills

- **User Research:** Surveys, Interviews, Usability Testing, Think-Aloud Protocol, A/B Testing
- **Qualitative Analysis:** Collaborative Coding, Thematic Analysis, Grounded Theory
- **Quantitative Analysis:** Statistical Analysis, Mixed-methods, Visualization (Matplotlib, Seaborn)
- **Programming for Research:** Python, Java, JavaScript

Awards

Travel Grant Recipient

International Conference on Software Engineering (ICSE) 2025 Student Travel Grant

2025

References

Dr. Bowen Xu, *Assistant Professor, North Carolina State University*

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Dr. Kathryn Thomasset Stolee, *Associate Professor, North Carolina State University*

ktstolee@ncsu.edu

Dr. Dominik Wermke, *Assistant Professor, North Carolina State University*

dwormke@ncsu.edu

Dr. Ze Shi Li, *Assistant Professor, University of Oklahoma*

zeshili@ou.edu