Zhuohao Zhang

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Research Interest

HCI, Accessibility, CSCW, Human-AI Interaction

Education

2021-now **University of Washington**, Seattle, WA
Ph.D. in Information Science (expected)
Advisor: Jacob O. Wobbrock

2019-2021 **University of Illinois at Urbana-Champaign (UIUC)**, Urbana, IL
M.S. in Computer Science (with thesis), GPA: 4.0/4.0
Advisor: Yang Wang

2015-2019 **Zhejiang University (ZJU)**, Hangzhou, China
B.Eng. in Computer Science (with Honors), GPA: 3.87/4.0, Ranking: Top 5% of 181
Advisor: Yingcai Wu

Academic Publications

CONFERENCE PAPERS

[C.7] **Zhuohao Zhang**, et al. 2022. *[On Accessible Collaboration Awareness in Document Editing]*. In Submission of CHI 2022

[C.6] **Zhuohao Zhang**, et al. 2022. *[On Human-AI Hybrid Approach to Support Blind People in Screening and Occluding Private Image Content]*. In Submission of CHI 2022

[C.5] **Zhuohao Zhang**, et al. 2022. *[On Integrating Business Analytics and Report Authoring]*. In Submission of CHI 2022

[C.4] **Zhuohao Zhang**, Zhilin Zhang, Haolin Yuan, Natã Barbosa, Sauvik Das, Yang Wang. *WebAlly: Making Visual Task-based CAPTCHAs Transferable for People with Visual Impairments*. **SOUPS 2021**

[C.3] Natã Barbosa, **Zhuohao Zhang**, Yang Wang. *Do Privacy and Security Matter to Everyone? Quantifying and Clustering User-Centric Considerations About Smart Home Device Adoption.* **SOUPS 2020**

[C.2] **Zhuohao Zhang***, Xiyuan He*[1]. *GPK: An Efficient Special Symbol Input Method for Keyboards Using Glide.* **CHI 2019 EA**

[C.1] Lei Shi, Holly Lawson, **Zhuohao Zhang**, Shiri Azenkot. *Designing interactive 3D printed models with Teachers of the Visually Impaired.* **CHI 2019**

DEMOS

[D.2] Cheuk Yin Phipson Lee*, **Zhuohao Zhang***, Jaylin Herskovitz, JooYoung Seo, Anhong Guo. *CollabAlly: Accessible Collaboration Awareness in Document Editing.* **ASSETS 2021 Demo**

[D.1] Lei Shi, **Zhuohao Zhang**, Shiri Azenkot. *A Demo of Talkit++: Interacting with 3D Printed Models Using iOS Devices.* **ASSETS 2018 Demo**

Research Experiences

2020.10-now **University of Michigan at Ann Arbor**, Remote
Graduate Research Assistant
Human-AI Lab, Supervisor: Anhong Guo

2020.05-08 **Adobe Research**, Remote
Summer Research Intern
VaaS group, Mentor: Dr. Sana Malik, Prof. Zhicheng Liu

2019.10-now **University of Illinois at Urbana-Champaign**, Urbana, IL
Graduate Research Assistant
Social Computing Systems Lab, Supervisor: Yang Wang

2017.10-2018.12 **Cornell University (Cornell Tech)**, New York, NY
Research Assistant
Enhancing Abilities Lab, Supervisor: Shiri Azenkot

2017-2019 **Zhejiang University**, Hangzhou, China
Undergraduate Research Assistant
Interactive Data Group, Supervisor: Yingcai Wu

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[1]Symbol * Means Contributed Equally as First Authors

Teaching Experiences

2019-2020   **University of Illinois at Urbana-Champaign**, Urbana, IL
Teaching Assistant for course CS107 Data Science Discovery, CS125 An Introduction to Computer Science, and CS498 The Art of Web Programming

Honors and Awards

2019   ACM CHI Student Research Competition, Second Prize

2019   Chu Kochen Honors College Research Scholarship (top 5%)
Awarded $15000 in total in support for conducting research abroad

2016-2018   First-class Scholarship for 3 successive years (top 3% in ~850 students)

Presentations and Talks

2021.10   **ASSETS 2021**, Virtual
CollabAlly: Accessible Collaboration Awareness in Document Editing

2021.08   **SOUPS 2021**, Virtual
WebAlly: Making Visual Task-based CAPTCHAs Transferable for People with Visual Impairments

2019.05   **CHI 2019**, Glasgow, UK
GPK: An Efficient Special Symbol Input Method for Keyboards Using Glide

2018.10   **Tactile Graphics in Education and Career Symposium**, Baltimore, MD
Sensables: 3D Printed Models for Visually Impaired Students (with Ph.D. Lei Shi)

Services

Academic Reviewing
SOUPS 2021, CHI 2021 Late Breaking Work, CHI 2019 Late Breaking Work, CHI 2019