Zhuohao Zhang

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Research Interest

HCI, Accessibility, 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.5] **Zhuohao Zhang***[1], Cheuk Yin Phipson Lee*, Jaylin Herskovitz, JooYoung Seo, Anhong Guo. *CollabAlly: Accessible Collaboration Awareness in Document Editing*. **CHI 2022 Best Paper Honorable Mention**

[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**

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[1]Symbol * Means Contributed Equally as First Authors

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

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

Posters and Demos

[D.4] **Zhuohao Zhang**, Sana Malik, Leo Zhicheng Liu, Shunan Guo, Jane Hoffswell, Ryan Rossi, Fan Du, Eunyee Koh. Codas: Integrating Business Analytics and Report Authoring. **EuroVA 2022**

[D.3] **Zhuohao Zhang**, Sana Malik, Leo Zhicheng Liu, Shunan Guo, Jane Hoffswell, Ryan Rossi, Fan Du, Eunyee Koh. Understanding the Data Reporting Needs of Business Analysts. **EuroVA 2022**

[D.2] **Zhuohao Zhang***, Cheuk Yin Phipson Lee*, 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**

Work Experiences

06/2022-09/2022 **Meta Reality Labs**, Redmond & Toronto
Research Scientist Intern

05/2020-08/2020 **Adobe Research**, Remote
Research Scientist Intern

Research Experiences

09/2021-now **University of Washington, Seattle**
Graduate Research Assistant
ACE (Accessible Computing Experiences) Lab, Supervisor: Jacob O. Wobbrock

10/2020-09/2021 **University of Michigan at Ann Arbor**
Graduate Research Assistant
HAIL (Human-AI Lab), Supervisor: Anhong Guo

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

09/2018-12/2018 **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

Honors and Awards

2022 Best Paper Honorable Mention, CHI 2022
2019 ACM CHI Student Research Competition Winner
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
CSCW 2021, SOUPS 2021, CHI 2021 Late Breaking Work, CHI 2019 Late Breaking Work, CHI 2019