

Zhuohao (Jerry) 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, An-hong 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**

¹Symbol * 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.5] **Zhuohao Zhang**, Jacob O. Wobbrock. A11yBoard: Using Multimodal Input and Output to Make Digital Artboards Accessible to Blind Users. **UIST 2022 Poster**

[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, Agios Team

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

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

10/2019-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)

Press Coverage

05/2022 **University of Michigan CSE & iSchool News** “Making collaborative online document editing accessible to blind users”
05/2022 **Microsoft New Future of Work Report 2022** “Collaboration systems need to be more accessible”
01/2022 **XRDS: Crossroads, The ACM Magazine for Students** “Accessibility, justice, and privacy for technology”

Services

University of Washington
DUB (Design, Use, Build) Seminar Host 2022
CREATE Advisory Board Meeting Student Volunteer 2022

Academic Reviewing

CSCW 2021, SOUPS 2021, CHI 2021 Late Breaking Work, CHI 2019 Late Breaking Work, CHI 2019