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.7] **Zhuohao Zhang**, Jacob O. Wobbrock. *[On deploying a real-world solution for accessible slide authoring].* **In submission of ASSETS 2023**

[C.6] **Zhuohao Zhang**, Smirity Kaushik, JooYoung Seo, Haolin Yuan, Sauvik Das, Leah Findlater, Danna Gurari, Abigale Stangl, Yang Wang. *ImageAlly: A Human-AI Hybrid Approach to Support Blind People in Detecting and Redacting Private Image Content.* **SOUPS 2023**

[C.5] **Zhuohao Zhang**, Jacob O. Wobbrock. *A11yBoard: Making digital artboards accessible to blind and low-vision users.* **CHI 2023**

[C.4] Cheuk Yin Phipson Lee*, **Zhuohao Zhang***[1], Jaylin Herskovitz, JooYoung Seo, Anhong Guo. *CollabAlly: Accessible Collaboration Awareness in Document Editing.* **CHI**

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[1]Symbol * Means Contributed Equally as First Authors

2022 Best Paper Honorable Mention

[C.3] **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.2] 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.1] Lei Shi, Holly Lawson, **Zhuohao Zhang**, Shiri Azenkot. *Designing interactive 3D printed models with Teachers of the Visually Impaired.* **CHI 2019**

OTHERS

[O.6] **Zhuohao Zhang**, Jacob O. Wobbrock. A11yBoard: Using Multimodal Input and Output to Make Digital Artboards Accessible to Blind Users. **UIST 2022 Poster**

[O.5] **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**

[O.4] **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**

[O.3] Cheuk Yin Phipson Lee*, **Zhuohao Zhang***, Jaylin Herskovitz, JooYoung Seo, Anhong Guo. *CollabAlly: Accessible Collaboration Awareness in Document Editing.* **ASSETS 2021 Demo**

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

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

Work Experiences

06/2023-09/2023   **Microsoft Research**, Redmond
Applied Scientist Intern, EPIC & Ability Team

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

10/2019-09/2021   **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   **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, 2023
CREATE Advisory Board Meeting Student Volunteer 2022

Academic Reviewing
UIST 2023, VIS 2023, CHI 2023, CHI 2022, CSCW 2021, SOUPS 2021