

# 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  
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**<sup>\*</sup>, Xiyuan He<sup>\*1</sup>. *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<sup>\*</sup>, **Zhuohao Zhang**<sup>\*</sup>, 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 due to COVID-19  
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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<sup>1</sup>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

- 2021.08 **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, CHI 2019 Late Breaking Work, CHI 2019