

Lotus Zhang

hasumonn.github.io | [Curriculum Vitae](#)

hanziz@uw.edu | 734-800-6126

Experience

- 2019 - 24 **University of Washington**
[Graduate Researcher](#)
Advisor: Leah Findlater
- ◆ Leading mixed-method research to understand the *blind and low vision* community
 - ◆ Designing, building, and evaluating *AI-assisted* interfaces to support *accessible content creation*
- 2020 **Meta**
[Quantitative User Experience Research Intern](#)
Advisor: Lindsay Blackwell
- ◆ Led a large-scale survey and log analysis to explore *hate speech* behavior on Facebook
 - ◆ Transferred research insights to inform design of *content moderation* tools
- 2018 **University of Michigan**
[Research Intern](#)
Advisor: Michael Nebeling
- ◆ Prototyped and evaluated parts of the *AR/VR* usability testing toolkit
- 2016 - 18 **University of British Columbia**
[Research Assistant](#)
Advisor: Karon MacLean
- ◆ Conducted user studies to explore the design of *emotion-regulating haptic robots*
- 2016 **Axka Group Inc.**
[UX Developer Intern](#)
- ◆ Designed and implemented online shopping *mobile applications* (iOS & Android)

Education

- 2019 - 24 **University of Washington, Seattle**
[Ph.D. Candidate in Human Centered Design & Engineering](#)
Advisor: Leah Findlater; GPA: 3.97/4.0
- 2014 - 19 **University of British Columbia, Vancouver**
[B.A. in Computer Science and Psychology](#)

Selected Publications

- Understanding Digital Content Creation Needs of Blind and Low Vision People**
[Zhang, L.](#), Sun, S. and Findlater, L.
[ACM ASSETS 2023](#)
Best Paper Nominee
- Understanding Visual Arts Experiences of Blind People.**
Li, F.M.*, [Zhang, L.*](#), Bandukda, M., Stangl, A., Shinohara, K., Findlater, L. and Carrington, P.
[ACM CHI 2023](#)
**Equal Contribution*
- Social Media through Voice: Synthesized Voice Qualities and Self-presentation**
[Zhang, L.](#), Jiang, L., Washington, N., Liu, A.A., Shao, J., Fourney, A., Morris, R.M., Findlater, L.
[ACM CSCW 2021](#)
- Input Accessibility: A Large Dataset and Summary Analysis of Age, Motor Ability and Input Performance**
Findlater, L., [Zhang, L.](#)
[ACM ASSETS 2020](#)
Best Paper Award
- ## Research Skills
- User understanding**
- ✓ Interview & Survey
 - ✓ Contextual Inquiry
 - ✓ Experiment setup
- Analysis**
- ✓ Statistics analysis & modeling (Python, R)
 - ✓ Thematic analysis
 - ✓ Competitive analysis
- Design & Evaluation**
- ✓ Prototype & Wireframe (Figma, HTML, Python)
 - ✓ Usability study
 - ✓ Participatory design
- Other**
- ✓ Literature review
 - ✓ Accessibility
 - ✓ AI model application (Python, R)
 - ✓ Web & mobile development (React)