Lotus Zhang

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Experience

2019 - 25 **University of Washington**
Graduate Researcher
Advisor: Leah Findlater

- ✦ Leading mixed-method research to support *blind and low vision* content creators
- ✦ Designing, building, and evaluating *AI-assisted, accessible creative tools*

2024 **Google**
User Experience Research Intern
Host: Luke Remy, Jonas Lau

- ✦ Led large-scale MaxDiff surveys for YouTube feature prioritizations
- ✦ Explored and evaluated accessible survey methodology

2020 **Meta**
Quantitative User Experience Research Intern
Host: Lindsay Blackwell

- ✦ Led surveys to understand *hate speech* behavior on Facebook
- ✦ Transferred research insights to inform design of *content moderation* tools

2018 **University of Michigan**
Research Intern
Advisor: Michael Nebeling

Project: *Mixed Reality* usability testing tools

2016 - 18 **University of British Columbia**
Research Assistant
Advisor: Karon MacLean

Project: *Emotion-regulating haptic robots*

2016 **Axka Group Inc.**
UX Developer Intern
Project: *Online shopping mobile app design & development*

Education

2019 - 25 **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*

Research Skills

Mixed Method User Research

- ✓ User Interview
- ✓ Survey
- ✓ Usability testing
- ✓ Experiment setup
- ✓ Literature review

Design Skills

- ✓ Accessible design
- ✓ Human-centered design
- ✓ Prototype & Wireframe (HTML, Figma, Python)

Technical Skills

- ✓ Statistical analysis (Python, R)
- ✓ Web & mobile development (React)
- ✓ AI model integration

Collaboration & Communication

- ✓ Cross-functional collaboration (product, eng, design)
- ✓ User engagement (e.g., Blind community)

Selected Publications

Designing Accessible Obfuscation Support for Blind Individuals' Visual Privacy Management

Zhang, L., Stangl, A., Sharma, T., Tseng, Y., Xu, I., Gurari, D., Wang, Y. and Findlater, L.

ACM CHI 2024

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*

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