

# Lotus Zhang

hasumonn.github.io

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## Education

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

## Experience

- 2019 - now**      **University of Washington**  
[Research Assistant](#)  
Supervisors: Leah Findlater, Elin Bjorling, Gary Hsieh
- 2020      **Facebook**  
[Quantitative User Experience Research Intern](#)  
Manager: Lindsay Blackwell
- 2018      **University of Michigan**  
[Research Intern](#)  
Advisor: Michael Nebeling
- 2016 - 18      **University of British Columbia**  
[Research Assistant](#)  
Advisor: Karon MacLean
- 2016      **Axka Group Inc.**  
[UX Developer Intern](#)

## Applied Skills

- ✓ Interview
- ✓ Thematic analysis ([Dedoose](#))
- ✓ Data modeling ([Python](#))
- ✓ Survey design
- ✓ Log analysis & Data modeling ([R](#))
- ✓ Usability study
- ✓ Interview
- ✓ AR/VR development ([Unity](#), [C#](#))
- ✓ Usability study
- ✓ Experiment setup
- ✓ Physical prototyping ([Arduino](#), [ReactJS](#))
- ✓ Wireframing ([AdobeXD](#))
- ✓ Mobile development ([Java](#), [Swift](#))

## Selected Publications

- 2021**      **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](#)
- 2020      **Input Accessibility: A Large Dataset and Summary Analysis of Age, Motor Ability and Input Performance**  
Findlater, L., [Zhang, L.](#) [ACM ASSETS 2020](#) **Best Paper ★**
- 2020      **MRAT: The Mixed Reality Analytics Toolkit**  
Nebeling, M., Speicher, M., Wang, X., Rajaram, S., Hall, B.D., Xie, Z., Raistrick, A.R.E., Aebersold, M., Happ, E.G., Wang, J., Sun, Y., [Zhang, L.](#), Kulkarni, R., Ramsier, L. [ACM CHI 2020](#) **Best Paper ★**
- 2018      **Is it Happy? Behavioural and Narrative Frame Complexity Impact Perceptions of a Simple Furry Robot's Emotions**  
Bucci, P., [Zhang, L.](#), Cang, L., MacLean, K. [ACM CHI 2018](#)

## Other

### Teaching

- ✓ Experimental Research Methods
- ✓ Introduction to HCI Methods
- ✓ Computer Graphics

### Awards

- ✓ John Alexander McDonald Scholarship in Humanities
- ✓ UBC Outstanding International Student Award
- ✓ UBC Computer Science Service Award

### Service

- ✓ Student Volunteer (CHI 2018)
- ✓ Outreach Lead (Undergraduate Research Opportunities)