

# Jiasheng Li

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## Research Interest:

Human-computer Interaction, Accessibility, Virtual Reality

## Education:

- Aug. 2021 – May 2026 **Doctor of Philosophy, Computer Science**, Expected May 2026  
**Field of Study:** Accessibility in Human-Computer Interaction.  
University of Maryland, College Park, MD  
Advisor: Dr. Huaishu Peng
- Jan. 2020 – Aug. 2021 **Master of Science, Electrical Engineering**, August 2021  
**Field of Study:** Telecommunication  
University of Maryland, College Park, MD
- Aug. 2015 – May 2019 **Bachelor of Science, Electrical Engineering**, May 2019  
Virginia Tech, Blacksburg, VA

## Research Experience:

- Aug. 2020 – Present **Graduate research assistant**, University of Maryland, College Park
- Research Area: Accessibility in Human-Computer Interaction (HCI).
  - Small Artifacts Lab (SMART LAB)
  - Advisor: Dr. Huaishu Peng

## Publications:

1. **Jiasheng Li**, Zeyu Yan, Arush Shah, Jonathan Lazar, Huaishu Peng. *Toucha11y: Making Inaccessible Public Touchscreens Accessible*, CHI 2023 (In Progress).
2. Niall L. Williams, **Jiasheng Li**, Ming C. Lin. A Framework for Active Haptic Guidance Using Robotic Haptic Proxies, ICRA 2023 (In Progress)
3. **Jiasheng Li**, Zeyu Yan, Ebrima Jarjue, Ashrith Shetty, Huaishu Peng. *TangibleGrid: Tangible Web Layout Design for Blind Users*, UIST 2022.
4. Anup Sathya, **Jiasheng Li**, Tauhidur Rahman, Ge Gao, Huaishu Peng. *Calico: Relocatable On-Cloth Wearables with Fast, Reliable, and Precise Locomotion*, IMWUT/Ubicomp 2022,

## Posters and Demos:

1. **Jiasheng Li**, Zeyu Yan, Ebrima Jarjue, Ashrith Shetty, Huaishu Peng. *Demonstration of TangibleGrid: a Tangible Web Layout Design Tool for Blind Users*, The Adjunct Publication of the 35th Annual ACM Symposium on User Interface Software and Technology.

## Teaching Experiences:

- Aug. 2021 – Present **Graduate student teaching assistant**, University of Maryland, College Park
- Fall 2022, CMSC335 Web Application Development with JavaScript
  - Spring 2022, CMSC335 Web Application Development with JavaScript
  - Fall 2021, CMSC 389N, Web Application Development with JavaScript
- Aug. 2020 – Dec. 2020 **Graduate student teaching assistant**, University of Maryland, College park
- Fall 2020, ENTS635, Decision Support Methods for Telecommunication Managers
- Aug. 2019 – Nov.2019 **Laboratory assistant**, Virginia Tech, Blacksburg
- Manage, fix, and design lab equipment, such as printed circuit boards and Arduinos.
  - Supervisor: Dr. Steve Southward, Associate Professor.

## Press Coverage:

- Oct. 2022 **Maryland Today**, Research, “System Breaks Down Barriers for Blind Web Designers”