

Jeremy Zhengqi Huang

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Overview

My research lies at the intersection of Human-Computer Interaction and Accessibility. I study and create tools that help people with disabilities interact with and create information and media in the physical and digital worlds.

Education

- 2021 – 2023 **University of Michigan** – Ann Arbor, MI
M.S. in Information (Specialization: Human-Computer Interaction)
Thesis: Understanding and Augmenting Debates on Reddit
Advised by Prof. Eytan Adar and Prof. Dhruv Jain. GPA: 3.93.
- 2016 – 2021 **The Ohio State University** – Columbus, OH
B.S. in Data Analytics and Psychology *with Research Distinction*
Thesis: A Call for Sustainable Living: Leveraging Cognitive Factors to Improve Sustainability Education
Advised by Prof. Brittany Shoots-Reinhard. GPA: 3.837.

Professional and Research Experience

- 2023 – Present **Accessibility Lab, University of Michigan** – Ann Arbor, MI
Visiting Scholar
Advised by Prof. Dhruv Jain.
- 2021 – 2023 **Shapiro Design Lab at the University of Michigan Library** – Ann Arbor, MI
Design Researcher, Disability Culture
Mentored by Dr. Justin Schell
- 2022 **The Coca-Cola Company** – Atlanta, GA
Technical Consumer Research Intern
- 2020-2021 **VECTOR Lab, The Ohio State University** – Columbus, OH
Research Assistant
Mentored by Prof. Jesse Fox
- 2018-2021 **CAIDe Lab, The Ohio State University** – Columbus, OH
Research Assistant
Mentored by Prof. Brittany Shoots-Reinhard
- 2019 **The Coca-Cola Company** – Atlanta, GA
Consumer Data Analytics Intern

Honors and Awards

2023	University of Michigan Library Research Grant , University of Michigan
2018-2021	Veeam Software Endowed Scholarship in Data Analytics , The Ohio State University
2017-2021	Dean's List , The Ohio State University
2020	Undergraduate Research Scholarship , The Ohio State University

Publications

C.03	Huang, J. , Wood, R, Chhabria, H, Jain D. Show, Not Tell: A Pattern-Based, Deaf-Centric Classification Approach for Everyday Sounds. (<i>In submission for CHI 2024</i>)
C.02	Do, H., Dang, Q., Huang J. , and Jain D., 2023, October. AdaptiveSound: An Interactive Feedback-Loop System to Improve Sound Recognition for Deaf and Hard of Hearing Users. In <i>Proceedings of the 25th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS 2023)</i> (pp. 1-13)
C.01	Huang J. , Chhabria, H, and Jain D., 2023, October. "Not There Yet": Feasibility and Challenges of Mobile Sound Recognition to Support Deaf and Hard-of-Hearing People. In <i>Proceedings of the 25th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS 2023)</i> (pp. 1-13)

Service

2022-2023	Student Leadership Board , Michigan Institute for Data Science, University of Michigan
2021	President , Cognitive Science Club, The Ohio State University
2018-2021	Student Advisor , Data Analytics Major, The Ohio State University
2020	Mentor , Humanities & Cognitive Sciences High School Summer Institute, The Ohio State University

Academic Mentoring

2022-Present	Hriday Chhabria , University of Michigan, Computer Science and Engineering (Undergraduate)
2023-Present	Reyna Wood , University of Michigan, Computer Science and Engineering (Undergraduate)
2023-Present	Andy Jin , University of Michigan, Computer Science and Engineering (Undergraduate)
2023-Present	Yuni Park , University of Michigan, Computer Science and Engineering (Undergraduate)