

HANNAH AGBAROJI

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EDUCATION

Georgia Institute of Technology

Masters of Science, Human-Computer Interaction

Atlanta, GA
Aug 2023 - Present

Loyola Marymount University

Bachelor of Arts, Psychological Science/Bioethics Minor
Cumulative GPA: 3.76/4.0

Los Angeles, CA
Aug 2019 - Dec 2022

INDUSTRY EXPERIENCE

XR Navigation

UX Researcher and Designer

Atlanta, GA
May 2022 - Present

- Developed and implemented features on a customizable navigation software to facilitate easier blind mobility and information acquisition.
- Designed an interactive map on GitHub to test what information the blind could extract while navigating.
- Conducted usability studies with 20+ blind participants by assessing several dimensions of an interactive navigation software in timed test questions, collected quantitative feedback, and implemented recommended design critiques.
- Published journal “Co-Designing Auditory Navigation Solutions for Traveling as a Blind Individual During The COVID-19 Pandemic” on the use and utility of interactive audio maps for blind navigation.

UPS (United Parcel Service)

UX Researcher

Atlanta, GA
Aug 2023 - Present

- Explored needs, pain points, and opportunities among the shipping/logistics processes of small business owners.
- Conducted 10+ user and stakeholder interviews and employed A/B testing to determine efficient online user flows.
- Implemented user feedback in development of a user-friendly prototype presented to and used by UPS staff.

RESEARCH EXPERIENCE

Culture, Emotion, and Health Lab

UX Researcher

New York City, NY
May 2022 – Oct 2022

- Spearheaded a literature review project by synthesizing research findings and devoting multiple weeks of intensive research and analysis.
- Wrote a published meta-analysis entitled, “The Effects of Computer-Based Therapy on Behavior Management, Emotional Regulation, and Social Adjustment of Children with Autism Spectrum Disorder” which identifies the social and cognitive benefits of children with autism interacting with various tech-based therapy devices.

Cognition and Human Performance Lab

Human Factors Researcher

June 2021- Dec 2022
Los Angeles, CA

- Co-created the study, *Cognition, Motor Ability, and Workload* which observes self-reported measures of workload in relation to a variety of neuropsychological tests.
- Created hypotheses, recruited 100+ research participants, 50+ ran tests, and analyzed findings for the *Cognitive Ability, Depression, and Facial Recognition* pilot study, which sought to find a link between facial recognition, cognitive ability and reported scales of depression.

PUBLICATIONS

Co-Designing Auditory Navigation Solutions for Traveling as a Blind Individual During The COVID-19 Pandemic'. *Journal of Blindness Innovation and Research*. NIH Public Access. (published)

The Effects of Computer-Based Therapy on Behavior Management, Emotional Regulation, and Social Adjustment of Children with Autism Spectrum Disorder. *Journal of Quality Undergraduate Education and Scholarly Training*, 2022. (published)

Creating Non-Visual Non-Verbal Social Interactions in VR. *International Conference on Auditory Display*. NIH Public Access. (in progress)

TECHNICAL SKILLS

Research Methods

Design

Tools

Survey Design, User Interview, Usability Testing, Task Analysis, Heuristic Evaluation, A/B Tests
Wireframing, Prototyping (digital and physical), User Flows, Storyboard, Mockups, Tableau
Qualtrics, Figma, UserTesting.com, Notion, Microsoft Office Suite, Adobe Suite, Miro