

Debbie Hsu

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UX Researcher

EDUCATION

Georgia Institute of Technology <i>Ph.D. Engineering Psychology, GPA 4.0</i>	Atlanta, GA May 2030
Georgia Institute of Technology <i>M.S. Human-Computer Interaction, GPA 4.0</i>	Atlanta, GA May 2025
Emory University <i>B.S. Psychology, GPA 3.9 (Dean's List Fall 2019, Fall 2022)</i>	Atlanta, GA May 2023

TECHNICAL SKILLS & TOOLS

- **Research Methods:** Usability Testing, Contextual Inquiry, Interviews, Card Sorting, A/B Testing, Design Walkthroughs, Heuristic Evaluation, Hierarchical Task Analysis, Technology Probes, Regression Analysis, Sentiment Analysis, Thematic Analysis, Affinity Diagramming
- **Tools:** Qualtrics, Python, R, MATLAB, SPSS, Optimal Workshop, UserTesting, Prolific, Maze, Rally, Acuity

PROFESSIONAL EXPERIENCE

Hybrid Intelligence Lab <i>Graduate Research Assistant</i>	Atlanta, GA Jan. 2024 – Present
• Lead independent research on trust dynamics in multi-human multi-AI teams using multimodal data • Pioneer implementation of Lab Streaming Layer to synchronize 17 physiological data streams in real-time • Apply linear mixed models to analyze behavioral patterns from 120 participants • Develop speech transcription pipeline using Python and Assembly AI API to improve research efficiency by 30% • Analyze and visualize 25,000+ lines of conversational data using R for sentiment and communication patterns.	
Sabre Corporation <i>UX Research Intern</i>	Southlake, TX May. 2024 – Aug. 2024
• Identified 140+ improvement opportunities across 4 B2B products through usability testing, design walkthroughs, contextual interviews, and card sorting • Created personas and journey maps for luxury travelers, guiding product strategy and feature prioritization • Enhanced cross-functional collaboration by interviewing 13 stakeholders and suggesting new frameworks	
Dilks Lab <i>Undergraduate Research Assistant</i>	Atlanta, GA Jan. 2022 – May 2023
• Conducted 3 neuroimaging studies investigating human spatial navigation and scene perception • Recruited 100+ participants for long-term research engagement by clearly communicating objectives	

PROJECTS

AI-Assistance in Google Slides <i>UX Researcher</i>	Atlanta, GA Sep. 2024 – Oct. 2025
• Conducted technology probe study with product managers to explore preferences for AI-assisted slide creation • Analyzed 24 interviews using affinity diagramming and thematic analysis to synthesize 5 key design guidelines	
Enhancing Customer Engagement in Microsoft Teams <i>UX Researcher</i>	Atlanta, GA Sep. 2023 – Dec. 2023
• Led mixed-methods research to enhance enterprise customer engagement through competitive analysis, hierarchical task analysis, interviews, and usability testing • Increased task success rate by 25% through iterative usability testing and cross-functional collaboration	