

PROFESSIONAL EXPERIENCE

Graduate Research Assistant at Georgia Tech Research Institute

Fall 2017 - Present

- Develop high-fidelity, interactive prototypes for the Department of Defense based on extensive task analysis reports and existing visual guidelines
- Support graphics needs by creating illustrations to visualize defense planning strategies

UX Lead, Oppia Foundation (Remote)

Fall 2015 - Present

- Design web content and mobile/desktop prototypes based on user feedback, improving site quality and maintaining a 5-star user rating
- Collaborate with partners from Asia and Africa to develop study protocols, create surveys for user studies, and conduct remote/in-person user interviews
- Mentor new project contributors and student applicants for the 2017 Google Summer of Code program to foster an understanding of the human-centered design process

UX Researcher at Design Lab, UC San Diego in partnership with SAP

Spring 2015 - Winter 2016

- Conducted 5 user interviews, a 3-day participant observation, and competitive analysis of 18 services in 2 months to understand the problem space
- Created and presented deliverables (personas, journey maps, wireframes, and user stories) to VP at SAP to identify project directions and industry opportunities
- Designed a randomized controlled study and analyzed the data from 200 participants to inform visual design decisions

Research Assistant at Perception and Cognition Lab, UC San Diego

Summer 2015 - Spring 2016

- Recruited and coordinated with 30 participants to run 90 experiment sessions in 4 months
- Wrote scripts to automate data cleanup process and conduct quantitative data analysis, efficiently parsing through 2K experiment trials
- Awarded the Anderson Research Travel Grant to present thesis project at the annual Undergraduate Psychology Research Conference at Stanford University

EDUCATION

Georgia Institute of Technology

Fall 2017 - May 2019 (expected)

- Master of Science, Human-Computer Interaction
- Diversity and Inclusion Fellow, 2018 cohort

University of California, San Diego

Fall 2012 - Spring 2016

- Bachelor of Science with High Distinction, Psychology
- Minor in Computer Science
- Graduated with Honors for completion of an honors thesis and a major GPA of 3.8
- Accomplished three research presentations and one extended abstract publication

SKILLS

Methods

A/B testing
Card sorting
Cognitive walkthrough
Contextual inquiry
Heuristic evaluations
Prototyping
Surveys
Usability testing
User interviews
Wireframing

Design Tools

Adobe Illustrator
Adobe Photoshop
HTML/CSS
InVision
JavaScript
Justinmind
Sketch

Research Tools

Amazon MTurk
JMP
Google Analytics
Qualtrics

Statistical Analysis

ANOVA
Chi-square
T-test

CERTIFICATES

CITI HSR
Mental Health First Aid