

Elmira Deldari

Computational UX Researcher

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EXPERIENCE

SpeedLab, UMBC | Graduate Research Assistant

Jan 2022 - Present | Baltimore, MD

Worked on NSF project for privacy negotiation for multiple stakeholders in smart environments

- Led a qualitative research study to investigate user awareness and privacy concerns related to CSAM detection mechanisms on devices and servers, with a focus on the controversy surrounding Apple's device-side scanning feature
- Conducted content, discourse, and ethnographic analysis of online forums
- Assisted with qualitative and quantitative research to understand stakeholders' perspectives on the privacy and security of smart home devices used in Airbnb

Worked on NSF project for safe disability representation in social virtual reality platforms

- Led a research study to identify potential privacy and security risks and threats in virtual reality and analyzed conflicts and tensions between differing privacy needs among multiple stakeholders
- Performed video analysis, conversation analysis, interviews, surveys, and statistical tests to derive insights into privacy behaviors
- Designed and tested virtual reality avatars for people with disabilities
- Advocated for privacy equity, with a focus on at-risk and underrepresented populations

EquityLab | Interaction Design, Design for XR

May 2020 - August 2020 | Seattle, WA

- Designed and prototyped new interactions and features for VR product concepts using Unity and js
- Conducted stakeholder interviews and performed a comprehensive competitive analysis

RE-Solution | UX Design and Research Lead

Jun 2019 - December 2019

- Led UX research and design of novel interfaces and developed front-end pattern libraries, accelerating project development

SKILLS

User Research

Interviews, Survey, Observations, Participatory Design, Focus Group, Thematic Analysis, Statistical Analysis, Content/Discourse Analysis, Ethnographic Analysis, User/Task Analysis, A/B testing, LaTeX

Design

Interaction Design, Wireframing, High Fidelity Prototyping, Swift UI, Unity, Adobe Creative Cloud, Figma HTML/CSS, Javascript

Data Analysis

R, Python, SPSS

AWARDS

NSF Cybercorp Scholarship,
2024-2026

EDUCATION

Ph.D. Human-Centered Computing

University of Maryland, Baltimore County | 2022 - Present

M.S., MCIT

University of Pennsylvania | 2020 - 2021

B.A., Industrial Design

Art University of Tabriz | 2010-2014