

Experience Research & Design

Education

Bentley University / MS Human Factors

Waltham, MA | 2020 - 2022

Produced an accepted experimental thesis using eye-tracking technology to measure human cognitive load and visual fatigue in response to dark mode versus light mode displays. Collected data from over 40 participants for two age groups.

Honors: Graduated with high distinction

Bentley University / BS Information Design

Waltham, MA | 2017 - 2020

Minor: Computer Information Systems

Publications

Ergonomics / Dark Mode Vogue

Sethi, T., & Ziat, M. (2022). Dark Mode Vogue: Do light-on-dark displays have measurable benefits to users?. *Ergonomics*, 1-16.

Patents

Dell Technologies / Anomaly Detection

Sethi, T., Russell, D., Khokhar, M. (2023). Anomaly Detection at Scale. U.S.18488180. Filed Oct 17, 2023. Patent pending.

Skills

Interaction Design
Visual Design
User Interviews
Usability Studies
A/B Testing
Surveys
Communication
Presenting

Tools

Figma
Adobe Illustrator
Adobe Xd
Eye-tracking
User Testing
Qualtrics
HTML/CSS
Confluence, Jira

Experience

Dell Technologies / Senior User Interface Engineer

Hopkinton, MA | March 2024 - Present

Leads end-to-end experience design efforts—from problem definition to high-fidelity prototypes—for sophisticated, enterprise software solutions supporting multi-cloud environments.

Conducts user research to understand customer use cases regarding emerging technologies and inform product architecture. Presents research findings to stakeholders and publishes comprehensive reports.

Communicates frequently with engineering, product management, and marketing to drive alignment on feature requirements, deliverables, and priorities.

User Interface Engineer 2

March 2023 - March 2024

Executed research and design for VxRail, a hyper-converged infrastructure (HCI) solution that enables simplified management of data centers.

User Interface Engineer 1

May 2021 - March 2023

RSA Security / UX Design Intern

Hopkinton, MA | May 2020 - July 2020

Modernized UIs for legacy mobile and web security applications with Scrum teams.

Conducted card-sorting experiments to assess the findability of navigation structures, and applied best practices in information architecture to remove data silos from content-heavy interfaces.

Performed heuristic evaluations to ensure dark mode designs complied with WCAG accessibility standards.

Created a POC with fellow interns for a password-less employee onboarding experience leveraging blockchain technology.

Bentley University / Research Assistant

Waltham, MA | October 2019 - March 2020

Supported a diverse team of professionals using virtual reality to study human preferences. Programmed conjoint surveys, drafted IRB proposals, and ran lab experiments.

Volunteering

Volunteer Editor - UX Magazine, UXPA International