Anirudh Nagraj

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User experience professional with 4 years of experience both in corporate and industry sponsored research.

PROFESSIONAL EXPERIENCE

USER RESEARCHER | Shared Services Center
SEPTEMBER 2020 - PRESENT

- Lead mixed methods research initiatives on qualitative and quantitative data.
- Performed heuristic evaluations on the Shared Services Center website to uncover usability problems related to content placement and navigation.
- Improved search relevance and content discovery through the insights gained from usability testing.
- Improved NPS from 30 to 50 by implementing contextual inquiry driven recommendations.

RESEARCH ASSISTANT | (Toyota Funded Research on Mobility)
September 2019 – Present | University of Maryland, Baltimore County

- Research Assistant in a Toyota funded project to prototype a belt that aids legally blind runners.
- Analyzed competitors, simulated scenarios, and created affinity maps to inform prototype design.
- Evaluated prototype feasibility with the help of a field experiment in an obstacle course followed by user interviews.

RESEARCH ASSISTANT | University of Maryland, Baltimore County
Dec 2019 – Dec 2020

- Investigated real world navigational habits of legally blind individuals in low- and medium-income countries.
- Developed guidelines for future assistive technologies in the navigational space from context interviews and qualitative coding.

SOFTWARE ENGINEER (UI/UX) | L & T Infotech
Aug 2017 – Jun 2019 | Bangalore, India

- Conducted generative research on customer insurance portals to determine product roadmap.
- Managed websites by integrating front end web technologies using Adobe Experience Manager.
- Developed a web portal for an insurance client of L & T Infotech (HSB) to process quotations for customers across the globe.

ACADEMIC PROJECTS

USER RESEARCH AND DESIGN | B-AID
May 2020 – Dec 2020

- Created Storyboards and user personas for an audio navigation mobile application.
- Ran card sorting to draw patterns and group data, and help create the information architecture for the application.

EDUCATION

UNIVERSITY OF MARYLAND, BALTIMORE COUNTY
Master of Science in Human-Centered Computing
Expected - August 2021
GPA: 3.925 / 4.0

R V COLLEGE OF ENGINEERING Bachelor of Science in Information Science
2013 - 2017
GPA: 7.91/ 10

PUBLICATIONS

- Anirudh Nagraj, Ravi Kuber, Foad Hamidi *"Investigating the navigational Habits of the blind in India"* - Under Review

- Sidas A Saulynas, Mei-Lian Vader, Apoorva Shashidhar Bendigeri, Tristan King, Anirudh Nagraj, Ravi Kuber *"How and Why We Run: Investigating the Experiences of Blind Runners"* - Under Review

SKILLS

METHODOLOGIES
Contextual Inquiry, User Interviews, Qualitative Coding, Usability Testing, Heuristic Evaluation, Affinity Mapping, Participatory Design, A/B Testing, User Journeys, Dairy Studies, Card Sorting, Storyboards, Surveys, User Personas

UX DESIGN
Wireframing, Brainstorming, Prototyping, Whiteboarding, Interaction Design, Accessibility, User Centered Design

TOOLS
Adobe XD, Figma, InVision, Sketch, Balsamiq Mockups, Adobe Illustrator, JIRA, AirTable, Survey Monkey, Miro

PROGRAMMING
HTML, CSS, JavaScript, SQL

PROCESSES
Agile, Lean, Kanban