AARTI SWAMINATHAN
Engineering | Informatics | Design | Research

A dynamic product advocate and UXer with a background in informatics, research, healthcare and data visualization, seeking to inspire change in product design by understanding user needs.

SKILLS

Research

- Interviews
- Field research
- Contextual Inquiry
- Focus groups
- Roadmaps
- Survey
- Usability testing
- Lab-based testing
- Heuristic analysis
- Data analysis

Design

- Personas
- User flows
- Card sorting
- Storyboarding
- Wireframing
- Prototyping

Tools

- Balsamiq
- Sketch
- Figma
- Adobe XD CC
- Invision
- ATLAS.ti
- REDCap
- Qualtrics
- GitHub
- Tableau

Development

- HTML/CSS
- Javascript (JS)

EDUCATION

University of Washington
Seattle, WA, USA | 2016 - 2018

Master of Science, *Health Informatics* (focus in Consumer Health / UX)
GPA: 3.83/4.0

Birla Institute of Technology and Sciences
Dubai, UAE | 2012 - 2016

Bachelor of Engineering, *Biotechnology*
GPA: 8.97/10.0

EXPERIENCE

UX Researcher - U of Washington Medicine
Seattle, WA | March 2017 – June 2018

- Independently designed and executed a task-based survey and semi-structured interview study with 50+ genetics experts to assess usability of genetics tool **AnalyzeMyVariant**.
- Identified and resolved divergence between website design and users' understanding of how to use the tool.

Front-end Developer + Qualitative Researcher - U of Washington
Seattle, WA | June 2017 – May 2018

- Iteratively refined web interface and added features to visualize conversation data between coaches and participants of a cognitive behavioral intervention (HTML/CSS/JS).
- Conducted literature review of conversation analysis methodologies and evaluated themes in message data based on topic modeling and cluster analysis.

UX Designer - U of Washington
Seattle, WA | January 2018 – March 2018

- Performed generative research (including contextual inquiries), iteratively prototyped and evaluated mobile data collection tool for student sleep patterns.
- Used insights from research and prototypes to progressively make app less intrusive and more user-friendly.

UX Researcher - U of Washington Libraries
Seattle, WA | October 2017 – December 2017

- Carried out an independent generative research (ethnography) study to assess student and instructor experience within UW's **Active Learning Classrooms**.
- Detected and solved gaps in information flow that prevented users from making use of features, by proposing simple information dissemination techniques.

Service Designer - U of Washington + Seattle Children's Hospital
Seattle, WA | March 2017 – June 2017

- Conducted design study for implementation to deliver adolescent care informational content on iPads to parents in the **Adolescent Medicine Clinic**.
- Used modeling techniques to highlight cultural barriers to solutions and work around them.

Researcher (Voice) - NeuroLex Diagnostics
Seattle, WA | March 2017 – May 2017

- Conducted extensive literature review and built a survey tool to be used in conjunction with voice capture to capture potential demographic and medical confounders of voice samples.

aarti94@gmail.com   **aartis.space**   **(425) 240 9943**