NANDHINI GOUNDER

UX RESEARCHER

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Fremont, CA

WORK EXPERIENCE

NASA — UX Research Lead [Contract]

Jan 2021 - Aug 2021 | Mountain View, CA

- Worked with the Ames Research Center to adapt NASA's mission planning suite, Playbook, for deep space missions
- Interviewed NASA experts, performed literature reviews on asynchronous communication environments, ran analogous simulations, and conducted speed dating research sessions to gain insights into the problem space
- Recruited participants, ran usability tests, and provided recommendations to designers
- Communicated findings to stakeholders using presentations, reports, articles, etc.

Harvard University — Research Fellow [Data Privacy Lab]

Jun 2019 - Aug 2019 | Cambridge, MA

- Implemented user-friendly interface and infrastructure for the Political Ads Library website with Python, Javascript, HTML, CSS and PostgreSQL
- Collaborated with other research fellows to integrate database containing over 3 million ads into website
- Development of website directly lead to proposal of MA House Bill No. 3921
- Website is a significant part of the curriculum for Harvard's GOV 2430 class

UC Davis — Researcher [HCI & Communications Labs]

Sep 2018 - Jun 2019 | Davis, CA

- Designed study to examine communication networks of international students, conducted literature reviews, and performed statistical analysis, including significance tests, on datasets
- Developed a web scraper with Python and constructed a dashboard with Jupyter Notebook for the United Nations to track digital development in Latin America

EDUCATION

Carnegie Mellon University, 4.2/4.0

Master's in Human-Computer Interaction

August 2021 | Pittsburgh, PA

University of California, Davis, 3.72/4.0

Bachelor's in Design & Computer Science

June 2019 | Davis, CA

SKILLS

Research

Semi-Structured Interviews
Usability Testing
Survey Design
Contextual Inquiry
Diary Studies
Speed Dating
Directed Storytelling
Card Sorting
A/B Testing
User Journeys
Affinity Mapping
Persona Development
Heuristic Evaluations

Design

Rapid Prototyping
Wireframing
Concept Sketching
Design Thinking

Tools

Figma
Miro
Adobe (Photoshop, Illustrator, XD)
Qualtrics