NANDHINI GOUNDER

UX RESEARCHER

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WORK EXPERIENCE

NASA — UX Research Lead [CMU Capstone]

Jan 2021 - Present | Pittsburgh, PA

- Working 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.
- Communicated findings to stakeholders using presentations, reports, articles, etc.

Harvard Data Privacy Lab — Research Fellow

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 HCI & Communications Labs — Researcher

Sep 2018 - Jun 2019 | Davis, CA

- Designed study to examine communication networks of international students, conducted literature reviews, and performed statistical analysis, including ANOVA 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

M.S. Human-Computer Interaction

August 2021 | Pittsburgh, PA

UC Davis

B.A.S. Design, Computer Science

June 2019 | Davis, CA

SKILLS

Research

Semi-Structured Interviews
Usability Testing
Survey Design
Contextual Inquiry
Directed Storytelling
Speed Dating
Storyboarding
Card Sorting
A/B Testing
Journey Mapping
Affinity Diagramming
Persona Development

Design

Rapid Prototyping
Wireframing
Concept Sketching
Design Thinking

Tools

Figma
Miro
Adobe (Photoshop, Illustrator, XD)
Invision
Qualtrics