

# NANDHINI GOUNDER

## UX RESEARCHER

[nandhinigounder.github.io](https://nandhinigounder.github.io)

ngounder@andrew.cmu.edu  
(510)-516-5630  
Fremont, CA

### WORK EXPERIENCE

#### **NASA — UX Research & Design Lead [MHCI CMU]**

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, 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

#### **Design**

Rapid Prototyping  
Wireframing  
Concept Sketching  
Design Thinking

#### **Tools**

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