

RACHEL SADEH

UX/UI Designer

Passionate and impact-focused UX/UI Designer with experience in healthcare technologies, assistive technologies, Human-AI interfaces, usable security, user-centered design

EDUCATION

Master of Human-Computer Interaction

Carnegie Mellon University,
School of Computer Science
Cumulative GPA: 3.86

August 2023 - August 2024

Bachelor of Science

University of Pittsburgh,
Double Major: Psychology & Digital Narrative and
Interactive Design; Certificate in Children's
Literature and Studies

Dietrich School of Arts and Sciences
Cumulative GPA: 3.85

August 2019 - April 2023

Generative AI Mastermind Course

March 2025

Explored LLMs, prompt engineering strategies,
and hands-on GenAI applications in design
workflows.

LEADERSHIP

PROTOTYPE PGH Maker-Manufacturer Program MENTOR

March 2025 – Present

Guiding makers through the process of
transitioning from prototyping to manufacturing.

STEEL CITY UX LADIES ORGANIZER

January 2025 – Present

Connecting UX professionals in Pittsburgh
including education and networking

UNIVERSITY OF PITTSBURGH TEACHING ASSISTANT

Intro to Digital Narrative and Interactive Design:
Demonstrated skills and tools in lectures &
assisted students with their projects. (Spring '23)

Intro to Psychology: Lectured and led study
sessions & assisted in exam preparation. (Fall '20)

CARNEGIE MELLON UNIVERSITY

FRC GIRLS OF STEEL CO-CAPTAIN

SEASON OF 2018-2019

Qualified for FIRST Robotics Competition World
Championship in Detroit - over 3,000 teams from
28 countries; Multiple team awards

EXPERIENCE

DEPARTMENT OF HUMAN SERVICES, ALLEGHENY COUNTY UX/UI DESIGNER & RESEARCHER

March 2025 – Present

- Leading the redesign of *ClientView* portal for frontline caseworkers, focusing on improving cross-system usability, data transparency, and user trust.
- Synthesizing stakeholder insights into personas, journey maps, and modular design principles to guide early concept development.

VEYTEL

UX/UI DESIGNER & RESEARCHER

August 2024 – Present

Working with product management, data science, software & AI engineering, and medical professionals to design two intuitive AI-powered healthcare diagnosis tools, ensuring seamless integration into clinical workflows:

- DERMA-AI*, a melanoma detection platform: conducting user research. Also contributing to the development of a responsive interface in React.
- Pulsar-AI*, an interface for RALE score interpretation of chest X-rays.

UNIVERSITY HOSPITALS OF CLEVELAND

UX/UI DESIGNER & RESEARCHER

January 2024 - August 2024

Working with medical personnel and patients to improve at-home post-op wound care experience following Mohs surgery.

- Conducted 32 patient and expert interviews, clinical shadowing, and a 2-week empathy study to identify key pain points. Used Figma and Notion for storyboarding, wireframing, and rapid prototyping.
- Designed *Cura*, a voice-based app, synthesized insights using affinity diagrams, journey maps and user flows. Resulted in increase of 35% in confidence and of 59% in information retention among post-op patients.

PROOFPOINT

UX/UI DESIGN INTERN

June 2023 – August 2023

- Designed new landing pages for flagship anti-phishing training product.
- Developed user-centric design solutions for security training platform, improving engagement and completion metrics for phishing simulations

AXLE LAB, CARNEGIE MELLON UNIVERSITY RESEARCH INTERN

June 2022 - August 2022

Designed and prototyped multi-modal notification system to remind wheelchair-bound users to perform pressure relief maneuvers to reduce the chance they develop potentially life-threatening ulcers. Used Arduino for prototyping.

CNMA LAB, UNIVERSITY OF PITTSBURGH

RESEARCH ASSISTANT

May 2021 - April 2022

Helped develop study protocol to identify signs of perseverative thought associated with anxiety - protocol combining use of LifeData and fMRI brain imaging.

AWARDS & ACHIEVEMENTS

1st place winning team: SHEInnovates Hackathon, School of Computing and Information & Innovation Institute, University of Pittsburgh (approx. 20 competing teams), February 2020

Summa Cum Laude: University of Pittsburgh
Graduated with the Highest Honors, April 2023