

Erica Fu

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EXPERIENCE

May 2022 - Present

UX Designer Zeno, CHIMPS and DIG Lab

Pittsburgh, PA

- Designed experiences for the first evaluation framework of machine learning through workflows and user scenarios
- Created interfaces for interactive slice-based machine learning evaluation with Figma
- Conducted user research to generated insights for improving the interface and generated case studies for a research paper using remote usability testing

May 2021 - Aug 2022

HCI Research Assistant Adulting 101, CoEx and CHIMPs Lab

Pittsburgh, PA

- Researched how theory of planned behavior, embedded design, and social influence could encourage better cybersecurity behaviors
- Redesigned and programmed an iOS app with Figma, Xcode, and Swift
- Wrote adulting and cybersecurity tasks and study surveys
- Conducted a Wizard of Oz study with 12 participants to validate our theoretical foundation

May 2021 - Aug 2022

Independent Research Small Undergraduate Research Grant

Pittsburgh, PA

- Designed and engineered an interactive LED display that mirrored a matching display across the country; to be displayed at CMU Silicon Valley
- Investigated how playful tactile interactions would enhance remote communication
- Used Arduinos, Raspberry Pis, Fusion 360 to construct and connect the physical installations and Unity and Illustrator to digitally model the interaction

LEADERSHIP

Sep 2020 - Present

President Design for America

Pittsburgh, PA

- Collaborated with local community organizations and professors to identify challenging social issues and advise project teams as they develop solutions
- Organized and directed studio and executive meetings
- Developed lesson content, exercises, and peer evaluation sessions on Human-Centered Design to teach 40 members

Sep 2021 - Present

Mentor Women in Information Systems

Pittsburgh, PA

- Mentored 2 students by sharing personal experiences with HCI research, student organizations, and courses

ACHIEVEMENTS

March 2023

Publication Zeno: Behavioral Evaluation of Machine Learning

CHI '23

May 2022

Meeting of the Minds Award for Artistic Excellence

Nov 2020

Keith Block Entrepreneur Competition

Second Place

Sep 2020

Hack CMU EchoAR

Category Award

SKILLS

Design

Figma
Adobe Illustrator
Adobe Photoshop

User Testing

Contextual Inquiries
Remote testing
Survey and analysis

Full-Stack

CSS • HTML • JS
React
Swift • Xcode

Programming

C • Java
Unix • Git
SQL

EDUCATION

Carnegie Mellon University B.S. in Information Systems

Minor in Human-Computer Interaction, Design, and Computer Science

GPA: 3.88/4.0, Dean's List 4 semesters