

# Erica Fu

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## EDUCATION

May 2024

**Carnegie Mellon University** B.S. in Information Systems

• GPA: 3.88/4.0, Dean's List 3 semesters

Relevant coursework

- Designing Human-Centered Software
- Interaction Design Overview
- Communication Design Fundamentals
- Product Design Fundamentals
- Introduction to Information Systems
- Database Design and Development

## EXPERIENCE

May 2021 - Aug 2021

**Independent Research** SURG

Pittsburgh, PA

- Designed and engineered an interactive LED display that mirrored a matching display across the country; currently 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

May 2021 - Aug 2021

**HCI Research Assistant** CoEx Lab

Pittsburgh, PA

- Researched how social influence could encourage better cybersecurity behaviors
- Wrote and proofread adulting and cybersecurity tasks and study surveys
- Conducted and evaluated the results of a pilot study where users participated in a 30-day adulting challenge to be implemented in the app
- Redesigned and programmed an iOS app with Xcode and Swift

## LEADERSHIP

Sep 2020 - present

**President** Design for America

Pittsburgh, PA

- Organized and directed studio and executive meetings
- Presented to 40 members the impact and process of human-centered design
- Collaborated with professors and local community partners to identify challenging social issues and advise members as they develop solutions
- Coordinated with National DFA to share successful practices and challenges

## SKILLS

Design

Adobe Illustrator

Figma

Adobe Photoshop

Development

Swift • Xcode

React

C# • Unity

Website

JavaScript

CSS • HTML

Wordpress

Programming

C • Java

Unix • Git

SQL

## ACHIEVEMENTS

Nov 2020

**Keith Block Entrepreneur Competition** Second Place

Sep 2020

**Hack CMU** EchoAR Category Award