

## CONTACT

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# **SKILLS**

#### **DESIGN**

User Research Personas/Storyboards Wireframing Prototyping User Testing Critique

#### **DEVELOPMENT**

HTML + CSS Python Java JavaScript React.js R

# **TOOLS**

Adobe CC (Ai, Ps, Id) Figma Miro Marvel

# catherine oei

# **EDUCATION**

# UNIVERSITY OF CALIFORNIA, SAN DIEGO

2021-2023 | B.S. in Human-Computer Interaction GPA: 4.0

# UNIVERSITY OF WASHINGTON

2019-2021 | Honors Program GPA: 3.85

#### **EXPERIENCE**

#### AUG 2021 TEACHER

Destination Science

- Prepared and taught science and engineering lessons to children ages 5-11.
- Managed and taught a classroom of 14 children at a time for indoor and outdoor activities, 30 hours a week.

# JUN 2021 UI/UX RESEARCH INTERN

University of Washington

- Worked on the Svoboda Diaries Project NLP/Network Analysis team under Dr. Annie T. Chen
- Attended weekly UX/UI team meetings, participating in user persona/storyboard activities, web design critique, user feedback, and user testing sessions
- Applied NLP techniques using Python to parse through diary text to explore people & social relationships across corpus of 62 diaries
- Presented at the UW Undergraduate Research Symposium
- Presented at the Canadian Society for Digital Humanities 2021 Conference

# **PROJECTS**

#### DEC 2020 UW UNDERGRADUATE ADVISING WEB APP

Client-Side Development with JavaScript & React

- Worked in a team to design a responsive and interactive web application helping University of Washington students book advising appointments and explore majors in one simple interface
- Created web app using HTML/CSS, later incorporated JavaScript, React, and Firebase for authentication and data persistence

# MAR 2020 REDESIGNING GOOGLE AUTHENTICATOR

Innovative Award

- Received Innovative Award out of 100+ teams
- Used Figma to design an interactive, high-fidelity prototype of a redesigned Google Authenticator mobile app
- Used Adobe Illustrator to create low-fidelity wireframes and UI flow
- Created a digital marketing pitch

## JAN 2020 SAFEPATH

Women in Informatics Hackathon

- Collaborated in team of 4 to create a mobile application prototype to provide users with route navigation options based on location safety in 8 hours
- Used Figma to design an interactive, high-fidelity prototype

# **VOLUNTEERING**

# JUN 2017 GIRLS WHO CODE WORKSHOP INSTRUCTOR

Helped lead introductory Python coding workshops to introduce elementary and middle school girls to STEM careers