

catherine oei

CONTACT

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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

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

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 UX/UI 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