Eileen Liu

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Education

University of California, Berkeley

2019-2023

B.A. in Computer Science & Cognitive Science Highest Honors Ghlusko Prize for Distinguished Research Institute of Cognitive & Brain Sciences Award Certificate for Entrepreneurship & Technology Dean's List (Sp22, Fa22)

Experience

Gopnik Cognitive Learning Lab

UX Researcher

May 2022 - Dec 2023

Mentia

Lead Data Scientist

Jan 2022 - Aug 2022

Stanford, School of Medicine

UI Design Lead

Aug 2021 - Jan 2022

UC Berkeley, BeeHive

UI/UX Designer

Aug 2020 - May 2021

Johns Hopkins Applied Physics Lab

Software Developer Intern

Sept 2018 - May 2019

- Led UX research investigating decision making through the creation of a digital observe-bet task. Single-handedly proposed experimental design, coded task stimuli, piloted and iterated on design audits, and coordinated data collection on 63 children, 60 adults, and RL agents.
- Designed a reporting tool for data collection and facilitated efficient platform integration for 50+ patients resulting in 60% reduction of data entry time.
- Employed data visualization techniques to extract actionable insights, indicators, data analysis & projected trends used in 3 NIH data reports.
- Built UI for Stanford Emerge learning website's pages with streamlined features for module edits, improved visual design and intuitive user flow.
- Expanded scale internationally by collaborating with Ugandan partners to optimize speed, enhance modularizability, and front-end functionality.
- Revamped Beehive's landing page, logo, design, content & color scheme in Figma to create efficient user-flow and implement design elements.
- Conduct user research interviews and A/B testing to gather information on features, traffic flow, and market research strategies to increase outreach.
- Designed and developed the front-end and back-end of the SMA Training Web Portal using PHP, CSS, HTML, and SQL. Organized the production database's information architecture.

Leadership

Mobile Developers of Berkeley

iOS App Designer

Feb 2020 - Jan 2021

Digital Marketing Today

Lecturer

May 2020 - Dec 2020

- Led a project team to develop a functional web app that allows Berkeley students to find housing across iOS products.
- Conducted cognitive walkthroughs, storyboarding, branding, wireframing, sketching, and created user personas, 6 user-tested iterations, a demo, poster, slides, functional prototype, pitch presentation and 20 page report.
- Led the student facilitated Decal to educate 50+ undergraduate students on brand identity and social media marketing strategies.
- Developed curriculum and lectured on market segmentation, A/B testing, digital trends during pandemic, and graphic design principles.

Skills

Python, Java, SQL, PHP, JavaScript, HTML, React, CSS, R, C, RISC-V, LaTeX, Bootstrap, Swift, Xcode Figma, Adobe Photoshop & Illustrator, InDesign, Canva, Procreate, Miro, AI/VR, HCI

User Research, A/B Tests, Visual Design, Sketching, Branding, Strategy, Wireframing, User Flows, Storyboards, Prototyping