

Christy Yu

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EDUCATION

Carnegie Mellon University

Masters in Human Computer Interaction, School of Computer Science

Aug. 2025 – Aug. 2026

Pittsburgh, PA

UC Santa Barbara

B.S. Computer Science, Statistical Science Minor

3.75 GPA | Aug. 2021 – Jun. 2025

Santa Barbara, CA

EXPERIENCE

UIUX Design Intern

Jun. 2025 - Present

Dawdle App

San Jose, CA

- Spearheaded end-to-end product design, delivering 30+ screens and 40-component design system within one month including complete brand identity and seamless user flows across all product touchpoints
- Launched scalable, comprehensive design system in **Figma**, streamlining dev handoff while guiding to maintain design integrity throughout product development

Software Engineer Intern

Jun. 2024 – Aug. 2024

Lorentz Solution

Santa Clara, CA

- Migrated all 44 dynamic libraries from compiler RHEL6 to RHEL78 for PeakView chip-simulation(**Bash scripting**)
- Reduced **10%** in backup storage and production release package by automating library clean-up process
- Executed regression unit tests on circuit simulation cases; analyzed, debugged and troubleshoot on the updated libraries for upcoming release of PeakView software

Research Fellowship

Jan. 2023 – Present

Human Wildlife Conflict emLab

Santa Barbara, CA

- Co-authored (3rd author) research manuscript (under review) on climate-driven human-elephant conflict in Namibia
- Build and tune **habit suitability machine learning models** with bioclimatic variables and land cover data to explore how climate change drives human-elephant conflict in **R**

Founding Web & Design Chief

Oct. 2024 – Present

JAFFX — open-source guitar pedal startup

Santa Barbara, CA

- Secured \$7,500 in funding by placing 2nd in UCSB New Ventures Competition with designed pitch deck
- Developed complete brand identity including custom typography, logo, and color system aligned with company values
- Built company website (**Next.js**), the primary digital presence at jaffx.audio

Director of Web Dev and UIUX Design

Jun. 2024 – Jun. 2025

SB Creative Lab Design Club

Santa Barbara, CA

- Led team of UI/UX designers and developers, training members in Figma, design strategies, and front-end technologies (**HTML/CSS/JS, React**)
- Designed UI and coded Design Challenge and Designathon webpages
- Maintained organizational web presence by updating calendars and uploading workshop resources

Salesforce Developer Intern

Oct. 2023 – Mar. 2024

UCSB IT Department

Santa Barbara, CA

- Maintained and implemented Curriculum Planning System web-application (**Javascript**)
- Built petition forms section with **Salesforce Flows** in Student Success Hub framework

PROJECTS

Refract | Anti-deepfake ID Protection ML software, Data Science Club

Jan. 2024 - May. 2024

- Built AI model and frontend app (**Tailwind/Javascript/CSS, Figma**) that disrupts identity-theft deepfakes model training, research poster winning 2nd in annual showcase
- Cloaked images disrupts deepfake models by **70%** with no visual difference to the human eye

Newsletter Curator App | UIUX Project Manager & Designer, SB Creative Lab

Apr. 2024 - Jun. 2024

- Conducted **UX research** by surveying and interviewing individuals to identify pain points, consolidated results in user personas, analyzed competing brands
- Manage project timeline and resources, delegated tasks weekly, and composed case study

Noteblockit | Multi-Instrument MP3 to Midi Converter, Data Science Club Project Team

Mar. 2023 - Apr. 2023

- Created MP3 to MIDI converter that can preserve multiple instrumental melodies, overcoming the limitation that most Midi converters flatten to a single melody with **RNN** modeling

Other projects on GitHub