

Catherine Chen

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EDUCATION

University of California, Davis

Expected June 2024

Bachelor of Science in Human Development

Relevant Coursework: *Implementation of Data Structures; Intro to Data Science; Statistics; Linear Algebra*

SKILLS

- **Skills:** Microsoft Office (PowerPoint, Word, Excel), Google Workspace, Figma, Canva
- **Software:** Python, C, R Studio, Git, MATLAB

PROJECTS

ReqCheq, HackDavis 2022

April 2022

- Designed an interface using Figma for a website which returns a list of classes offered at UC Davis that students can take based on classes they have taken and prerequisite requirements
- Collaborated with a team of four to develop a program and design a website in 24 hours
- Pitched project to judges and promoted possible impact of project on university students

Connect 4 Game, ECS 32B

October–December 2021

- Created a game of Connect 4 using object-oriented programming and unit testing in Python
- Users can specify game parameters like board size, player pieces, and player types (two AI player types)

Get Better Day By Day, DES 1

September–December 2021

- Designed a Figma prototype of an app that helps users track daily mental health

AI Cleaning Detector, AI Camp

July 2021

- Developed a functioning object detection AI that detects clean and messy areas of rooms with a multidisciplinary team of project managers and front and back-end developers using Python and YOLO
- Designed and implemented AI in a website as the lead designer of the team

EXPERIENCE & INVOLVEMENT

UC Davis DataLab Team Member

March 2022–Present

UC Davis DataLab

- Coded a publication search system for Dr. James Trimmer's Neuromab antibody database
- Built a web scraping function to scrape Google Scholar result pages to duplicate manual notifications
- Created a list of unique Neuromab antibody targets to be used to search through full text publication articles

UX Design Fellow

April 2022–Present

UC Davis Design Interactive

- Designed a Hinge Figma prototype with new design implementations as part of Fellowship Design Challenge
- Conducted user research to make human-centered design decisions

Marketing Coordinator

September 2021–Present

The Human Development Club at UC Davis

- Create and design club shirts and pins for club merchandise, and presentations for biweekly meetings
- Help plan and run general meetings for over 20 members as part of the leadership team

Creatives Director

September 2020–Present

Friends of Children with Special Needs (FCSN) at UC Davis

- Design flyers and infographics biweekly for club meetings and events and maintain club website
- Help plan and run general meetings for over 100 members as part of the leadership team
- Fundraised over \$600 for FCSN and over \$400 for internal club funds