

# Catherine Jie Zhou

(734)-277-6404 | [cathzhou@umich.edu](mailto:cathzhou@umich.edu) | [linkedin.com/in/jie-catherine-zhou](https://www.linkedin.com/in/jie-catherine-zhou) | Ann Arbor, MI

## EDUCATION

### University of Michigan, Ann Arbor

Ann Arbor, MI

M.S. in Information, GPA: 4.0 / 4.0

Sep 2023 - Present

*Relevant Courses:* Building Interactive Apps, Database App Design, Data Structures & Algorithms, Introductory Programming, Intermediate Programming, Servers & Git, Web Design, Graphic Design

### University of California, Davis

Davis, CA

B.A. in Psychology and Cognitive Science, GPA: 3.82/4.0

Sep 2019 - Jun 2022

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, Typescript, Java, Python

**Web Development:** React, Express, Next.js, Django, MySQL, HTML & CSS, Bootstrap, Tailwind

**Web Design:** Figma, Adobe Photoshop, Adobe Illustrator

## WORKING EXPERIENCE

### LearningClues

Ann Arbor, MI

*Designer & Front-end Engineer*

Jan 2024 - Present

- Conducted a focus group with instructors to understand their willingness to use education technology in lectures and explored their expectations for features on CourseGPT's instructor dashboard
- Designed and implemented the instructor dashboard using Figma, Typescript, Next.js with Tailwind CSS, enabling instructors to analyze the most challenging problems for students based on the frequency of questions that have been asked on the CourseGPT, facilitating targeted intervention for enhanced support
- Fetched data from the backend API, and presented it to 100+ end-users for a streamlined experience

## PROJECT EXPERIENCE

### NFT Price Visualization: A React-based NFT Price Visualizer

*Front-end Engineer*

- Built an NFT dashboard to search, view, and analyze NFT assets using React
- Utilized Ant Design UI Component Library to boost client-side development
- Leveraged Moralis NFT API to fetch NFT-relevant data (e.g. price, name, description, etc.)
- Designed NFT trade/price chart UI and implemented it using recharts
- Deployed on the AWS Amplify

### Staybooking: A Full-Stack Online Stay Rental Application based on React and Spring Boot

*Front-end Engineer*

- Designed and built a single-page web application using React, and bootstrapped the development with mature component library Ant Design
- Used MySQL to store user-generated data, e.g. stay information and reservation history, and utilized Google Cloud Storage to store media files for the uploaded stays

### HomeHarbor: A Home Decoration E-Commerce App

*UX/UI Designer*

- Defined key problems in current home decoration apps via competitive analysis, created detailed user personas through in-depth user interviews, and designed high-fi mockups aligned with the style guide
- Organized and structured information to develop the user flows, sitemaps, wireframes, and prototypes
- Built and tested interactive prototypes, iteratively refining the design for optimal user engagement