

Jiayu Liang (Amy)

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EDUCATION

University of Michigan

Ann Arbor, MI

Bachelors of Engineering in Computer Science, Minor in User Experience Design (GPA: 3.72)

Graduating May 2026

Coursework: Data-Driven Web Applications, Web Design, Development, and Accessibility, Human-Centered Software Engineering, Needs Assessment and Usability Evaluation, UI Development, UX Public Field Research, Graphic Design

Co-President, Society of Asian Scientists and Engineers: Led 100+ members and organizing 10+ technical workshops to promote STEM engagement among Asian students

WORK EXPERIENCE

Everyone Can Code Chicago Partnered with Apple

Chicago, IL

Mobile App Developer

Jun. 2025 - Aug. 2025

- Collaborated with a team of three to conduct user research, develop personas, and define product requirements, transforming ambiguous stakeholder ideas into prioritized app features
- Designed the application's information architecture by creating a sitemap, user flows, wireframes, and an interactive high-fidelity Figma prototype to communicate the end-to-end user experience
- Pitched the product concept before Apple executives and stakeholders, communicating design decisions and incorporating stakeholder feedback to refine the prototype

Software Engineering Intern

Sep. 2022 - Dec. 2022

- Conceptualized the application's user experience by creating wireframes in Figma that informed the visual layout and user flow for the iOS application epiFoods
- Produced App Store marketing assets, including promotional graphics in Photoshop, screenshots, and product copy, supporting the application's public release
- Implemented epiFoods in Swift, integrating Firebase Authentication, Core Data, and the Open Food Facts API to deliver barcode-based allergen and nutrition lookup

PROJECT EXPERIENCE

ChicaGoSafe

- Led research efforts to evaluate user needs and safety concerns, producing a design report that informed the product strategy and feature prioritization for ChicaGoSafe—an interactive tourist safety map of Chicago
- Prototyped the application in v0 and optimized the UI/UX in Figma, creating an intuitive experience for exploring neighborhood safety information
- Facilitated Agile project management with Jira by creating project milestones, task assignments, and a Gantt chart to coordinate a four-person development team

CampusCash

- Conducted user and market research to identify challenges students face when splitting shared expenses, translating insights into product requirements for CampusCash, a mobile budgeting application for college students
- Designed user flows, wireframes, and a high-fidelity Figma prototype, applying accessibility and visual hierarchy principles to create an intuitive expense tracking and bill-splitting experience
- Established a cohesive design system by defining reusable UI components, typography, color palettes, and interaction patterns, ensuring consistency across the application's interface

SKILLS

Design: Figma, Photoshop, Illustrator, AI Prototyping, Wireframing, Design Systems, Information Architecture, User Flows

UX Research: Interviews, Personas, User Journey Mapping, Usability Testing, Competitive Analysis, Affinity Diagramming

UI Development: JavaScript, TypeScript, React, Next.js, RESTful API, HTML5, CSS3, Tailwind CSS

Tools & Collaboration: Jira, Trello, Miro, Git, v0, GitHub Copilot, Cursor, Prompt Engineering

Languages: English (Native), Chinese (Native)