

Vicky Sun

Experience

Cookie Finance

Syracuse, NY

Senior UX Designer and Frontend Developer Oct 2024 - Present

- Founding team member shaping the design and frontend foundation of Cookie Jar, a client-staff platform; contributed full-stack features using React.js, Tailwind, Material UI, GraphQL, Node.js, and Prisma, and designed scalable UX patterns that improved service efficiency by 50%.
- Took ownership of frontend quality and raised overall dev standards by proactively identifying and documenting visual/UX issues and bugs through extensive QA.
- Built ~95% of the design system; implemented Figma tokens, championed reusable, scalable components in the team and enforced consistent implementation across the app.

NASA Ames Research Center (CMU Capstone)

Mountain View, CA

UX Engineer Jan 2024 - Aug 2024

- Designed and developed a web-based multiplayer simulation tool from scratch using React.js, Socket.io, and Node.js, enabling researchers to simulate anomaly scenarios in spaceflight ops.
- Led frontend architecture and UX design, informed by insights from 15+ usability tests and interviews.

Acer AEB

Taipei, Taiwan

Project Developer Apr 2022 - Oct 2022

- System analyst, frontend developer, and UX designer for a supplier ESG data collection system. Led UX design efforts that improved client efficiency by 40%; built the Angular frontend, designed the database, and wrote API specs with zero critical issues post-release.
- Managed project schedules, cross-team coordination, and end-to-end testing to ensure delivery quality.

Developer

Jun 2020 - Apr 2022

- Maintained websites and platforms with Next.js and React.js, ensuring SEO, cross-browser support, and WCAG A-level accessibility.
- Created rapid proof-of-concept prototypes in React.js, accelerating design validation and iteration.
- Built reusable React.js design system components and utilized Storybook for documentation.

22 Design Studio

Taipei, Taiwan

Graphic Designer Jul 2018 - Oct 2019

- Revamped e-commerce sites (HTML/CSS, Liquid), enhancing UX and visual cohesion across markets.

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Education

Carnegie Mellon University

Master of Human-Computer Interaction

Pittsburgh, PA

Aug 2023 - Aug 2024

iSpan

Certificate in Frontend Engineer

Apr 2020

National Taiwan University of Science and Technology

Bachelor of Design in Commercial Design

Taipei, Taiwan

Sep 2013 - Jun 2017

Skills

Technical

React.js, Typescript, JavaScript, Next.js, Node.js, GraphQL, Git, MySQL, HTML/CSS, Tailwind, Material UI

Design

UI/UX Design, User research, Responsive Web Design, Rapid Prototyping, Design Systems, Wireframing, Information Architecture, User Flows, Figma

Languages

Mandarin, English