

Yifei Fang

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Education

Vanderbilt University

Nashville, TN

B.S. in Computer Science & Economics, Minor in Engineering Management | GPA: 3.81/4

Expected May 2026

Coursework: Design Thinking, Data Structures & Algorithms, Computer Architecture, Discrete Math, Linear Algebra

Student Organizations: Theta Tau Engineering Fraternity, Design For America, Google Developer Student Club, VUcept Student Orientation Leader, Asian American Advocacy Project, Table Tennis Travel Team, Junior App Challenge Mentor

Experience

Rubinov Lab at Vanderbilt

Nashville, TN

Data Visualization & UX Intern

May 2024 - Present

- Increase accessibility of neurogenomic tools to researchers by designing and improving analysis tools with data visualization.
- Enhance usability of tools by researching academic papers to identify key data points and patterns sought by researchers.
- Aid researchers in data discovery by programming interactive graphs and smooth animations with Next.js and D3.js.

UrbanGate Capital

Nashville, TN

UI/UX & Software Engineering Intern

Feb 2024 - Present

- Facilitate over \$500,000 in cryptocurrency-funded loans by developing a full-stack website with Next.js and Tailwind CSS.
- Streamline loan-funding process, resulting in multiple \$100,000+ loans, by designing a Web3-friendly UI with Figma.

The Wond'ry

Nashville, TN

Product Management Intern

Feb 2024 - May 2024

- Informed strategic recommendations for an idea management tool called the Wond'ry Idea Platform (WIP) by gathering critical insights through conducting 15+ customer interviews with administrative staff members and stakeholders of WIP.
- Reduced costs by analyzing interview data and presenting findings about problem-solution fit in a written and visual report.
- Identified key customer segments, personas, and use cases of WIP by executing collaborative ideation methods.

Friends Life Community

Nashville, TN

Full-Stack Software Developer

Sep 2023 - May 2024

- Reduced significant costs by developing a tailored attendance management application with React Native and Node.js.
- Improved communication for parents of 75+ individuals with disabilities by integrating chat and notification features.
- Streamlined attendance tracking for 150+ caregivers by working with a designer and coding intuitive frontend components.

Activities

VandyHacks

Nashville, TN

Designer & Developer

Feb 2024 - Present

- Attract 800+ hackathon participants by developing the code and UI for a user-friendly promotional website with Next.js.
- Optimize user experience of hacking and judging dashboards by refining UI elements and navigation flow of the website.

Design For America

Nashville, TN

UI/UX Designer & Researcher

Sep 2023 - May 2024

- Pitched flashcard app design to CareYaya by conducting user interviews with medical students and prototyping with Figma.

Google Student Developer Club

Nashville, TN

Project Team Lead

Feb 2024 - Mar 2024

- Submitted pregnancy tracking app to the 2024 Google Solution Challenge by leading the design and development process.