Stephanie Xiao

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EDUCATION

University of California, Berkeley | GPA: 3.82   Graduation: May 2023
B.A. Computer Science
Certificate in Design Innovation
Relevant Coursework: Data Structures, Algorithms, Structure and Interpretation of Computer Programs, Circuits, Artificial Intelligence, Discrete Mathematics, Probability Theory, Linear Algebra, Data Science

SKILLS

Programming: Python, Java, React.js, Vue.js, React Native, JavaScript, SQL, HTML/CSS, Amazon Web Services
Design: UX/UI, Figma, Adobe Creative Suite (Photoshop, Illustrator, InDesign)

EXPERIENCE

Frontend Software Engineer Intern | Splunk | San Francisco, CA   May 2021-Aug 2021
- Developed a Progressive Web App version of the Splunk Cloud Services Console in React.js
- Implemented online/offline detection and notifications across the console web application to allow the development of limited offline features and user flows that automatically re-sync when the client reconnects
- Improved usability on low-quality networks by creating a service worker to cache data fetched from APIs
- Designed and built mobile-friendly interfaces to allow on-the-go diagnosis of system alerts

Software Engineer Intern | CarpeMed | San Francisco, CA   May 2020-Aug 2020
- Implemented a personalized health profile for users to store medical history and insurance using React Native
- Created an interactive map to allow users to find high-quality medical providers near them when abroad
- Managed users' trip details and health information using React Redux and React Context
- Worked closely with backend teams to authenticate and store users with AWS Cognito and DynamoDB

Client Software Developer | Berkeley Codebase | Berkeley, CA   Jan 2020-May 2020
- Built a USDC Dashboard with full stack smart contract blockchain integration for Circle Financial that displays balances, transfers, and privileged roles for wallet addresses on Ethereum using Vue.js and Nuxt.js
- Designed reusable UI components that adhere to Circle's branding guidelines with Figma
- Created fluid interfaces and user flows to view and edit administrative privileges on the USDC contract

Foundations of Data Science Teaching Assistant (uGSI) | UC Berkeley | Berkeley, CA   May 2021-Present
- Taught two conceptual discussion and lab sections with 30+ students every week on foundational data science topics such as hypothesis testing, sampling, confidence intervals, classification, and linear regression
- Guided students through critical coding and computational thinking skills during semiweekly office hours
- Graded and provided feedback on weekly assignments, projects, and exams for ~1400 students

PROJECTS

UC Berkeley Library Scheduler Application | Full Stack Web Development
- Full stack web application for UC Berkeley library supervisors and employees to manage shifts
- Designed and implemented features including scrollable weekly calendars, shift coverage requests between employees and supervisors, and a dynamic master schedule with manual editing ability using React.js
- Created a database schema and used PostgreSQL to store user data, shift details, and coverage requests

UC Berkeley Library Scheduler Application | Full Stack Web Development
- Educational and interactive web application that teaches the fundamentals of potential and kinetic energy
- Built with JavaScript p5 Library