MELISSA ZHANG

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EDUCATION

Brown University   2019 - 2023
B.S. Computer Science & International and Public Affairs

TECHNICAL SKILLS

Languages: Typescript, Javascript, HTML, CSS, Scala, ReasonML, Java
Frameworks & libraries: ReactJS, React Native, D3.js, Node
Applications: Adobe XD, Figma, InVision, Balsamiq

EXPERIENCE

Software Engineering Intern   Jan 2021 - April 2021
Tesla
- Built a **React Native** version of the Tesla Design System from the ground up
- Published a complete React Native design system package with over 10 components, and is currently deployed in 3 Tesla mobile apps
- Improve WCAG accessibility of components in Tesla's **React-web** design system and optimize them for modern browsers

UX/UI Design Intern   Sept 2020 - Dec 2020
ClubFeast
- Redesigned signup and meal ordering flows to create a beautifully streamlined experience
- Created wireframes and hi-fi prototypes in **Figma** and **AdobeXD**
- Iteratively improved designs based on user feedback and usage data

PM & Full-Stack Developer   June 2020 - present
Full Stack @ Brown
- Guide software projects through the full development cycle, from design to deployment
- Currently a full-stack developer for VibeCheck, a **React Native** app for college students to report assault and abuse at on-campus parties in a simple and accessible way
- Designed and built **MariaDB** database tables and endpoints

Undergraduate Researcher   Feb 2020 - Dec 2021
Brown Graphics Lab
- Working with Professor Andries van Dam to develop Dash, an integrated hypermedia workspace using **ReactJS and Typescript**
- Designed and implemented 2 new visual components, the Comparison Box and 3D Carousel
- Built a Chrome browser extension to annotate content inside Dash iframes and create bi-directional hyperlinks using the **Chrome Tabs API**

President   Sept 2019 - present
Brown Go Association
- Organize and lead weekly Go club meetings with over 15 regular members
- Compete in local, national, and international Go tournaments