

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, Python, SQL, Java

Technologies: React, React Native, Node, Jest, MariaDB, MongoDB, Docker, Jenkins

Applications: Adobe XD, Figma, InVision, Balsamiq

EXPERIENCE

Software Engineering Intern

Jan 2021 - April 2021

Tesla

- Built a **React Native** Tesla Design System for mobile apps from the ground up, which is currently deployed in production in 3 Tesla mobile apps
- Published a mobile design system package with over 10 customizable components, full suite of Jest snapshot tests, and a documentation site written in React
- Refactored existing **React-web** design system components to improve WCAG accessibility 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
- Represented Team Canada at the World Amateur Pair Go Championships in Tokyo in 2019