

# Justin Ma

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## SKILLS

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**Languages** TypeScript, JavaScript, HTML, CSS, SCSS, Python, C++

**Frameworks** React, Styled Components, Redux, GraphQL, React Testing Library, Jest, React Native

## EXPERIENCE

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**VERKADA**, *San Mateo, CA*

Jul 2020 - Present

### Frontend Engineer

- Led a major overhaul of the navigation experience, which involved coordinating the entire frontend team and redesigning base page layouts, to improve product scalability and user experience
- Designed a common device schema and implemented the devices page, a high traffic page for users to view and manage a consolidated list of their devices from across all product lines
- Extended the devices page to support the ability to bulk edit device settings and worked through the UX and technical challenges of handling incompatible device settings and partial failures when submitting changes
- Optimized the performance of several pages with memoization and reduced unnecessary component rerenders
- Standardized multiple areas of the component library including icon usage and wrote a script reducing the dev time for adding a new icon to the codebase from 10 minutes to 10 seconds
- Organized web guild, a weekly meeting for frontend engineers to announce major changes and discuss web topics

**COUPA**, *San Mateo, CA*

Jun - Aug 2019

### Frontend Engineering Intern

- Extended component library with an improved input field, which was keyboard compatible and screenreader friendly to comply with the Web Content Accessibility Guidelines (WCAG)
- Designed and implemented API for formatting and sending form data, allowing file attachment uploads
- Introduced centralized documentation of common React components for internal and external use

## PROJECTS

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**PLASTIC STYLE** / *React, TypeScript, GraphQL, AWS Amplify, Styled Components*

May 2021 - Present

- Created a music blog that hosts song and album reviews, interviews with local artists, and end of year lists
- Architected schema and implemented API for fetching lists of entities with GraphQL
- Built a basic text editor with bold and italic style options to help admin users write and edit blog content

**NIT SU J.** / *React, JavaScript, Express, Stripe API, Redux, SCSS*

Jan - Jun 2020

- Built an online store for my personal t-shirt business, which includes a product gallery, shopping cart, and FAQ pages
- Integrated with Stripe API to retrieve a list of active products and handle checkout and payment
- Utilized nodemailer module for sending confirmation emails and receiving customer questions or comments

**SURCHIN** / *React, JavaScript, HTML, SCSS, Material UI*

Jun - Aug 2020

- Built a Chrome extension for quickly searching pinned websites (e.g. YouTube, Amazon) right from new tab
- Implemented the ability to add custom websites and drag and drop functionality for organizing the dashboard

**DESKTOP SIM** / *React, JavaScript, HTML, SCSS*

Jul - Aug 2019

- Developed an interactive desktop simulator with draggable, resizable, and closable windows for my personal website
- Built a miniature Spotify app with a playlist of songs, a playbar for pausing and jumping around, and volume control

## EDUCATION

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**UNIVERSITY of CALIFORNIA, LOS ANGELES**

Sep 2016 - Jun 2020

BS, Computer Science

GPA: 3.6 / 4.0