


# San'Quan Prioleau

Frontend Web Developer

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 [sprioleau.dev](http://sprioleau.dev)

 [@sprioleau](https://github.com/sprioleau)

I studied engineering and worked for 7 years as an engineer at Chevron. While working full-time, I ran a graphic design business on the side. In 2019, I joined Dartmouth College and transitioned into design full-time as a UX and Visual Designer in the Web Services group. Now, as part of the same team, I am a Frontend Web Developer with 3+ years designing and building production applications with modern web technologies.

## Relevant Experience

### Frontend Web Developer @ Dartmouth College

June 2021 => Present { Hanover, NH }

- \* Designed and developed the frontend for campus-wide dining menu web application using React and Redux (Dartmouth's 2nd-most visited site)
- \* Building an audio/video device management dashboard in collaboration with the Thayer School of Engineering using React and Redux
- \* Work with various software development project teams using software development lifecycle tools such as Jira, Bitbucket, GitHub and GitLab

### Frontend Engineering Advisor @ DALI Lab at Dartmouth

June 2021 => Present { Hanover, NH }

- \* Mentored and advised 6 students on web development techniques including use of React best practices and advanced scroll-based Webflow interactions for a storytelling website
- \* Implemented modern React patterns including hooks and Redux to enable code reuse and optimize codebase in support of long-term maintenance
- \* Worked closely with Computer Science instructor, DALI Lab and Dartmouth IT to develop and organize instructional material for forthcoming full-stack web development course on Coursera

### UX & Visual Designer @ Dartmouth College

January 2019 => June 2021 { Hanover, NH }

- \* Led user-centered design and development process for replacing legacy account management technology, which improved the account security and recoverability experience for Dartmouth
- \* Led typography overhaul for over 100 Dartmouth websites across 2 codebases to align with official brand guidelines and improve legibility across screen sizes
- \* Planned and led usability tests to evaluate and iteratively refine designs prior to deployment

## Skills

### Web Development Languages

JavaScript, TypeScript, CSS, Sass, HTML

### Libraries & Frameworks

React, Next.js, Node.js, Express, Axios, GraphQL, Jest, Cypress, Framer Motion

### Design Tools

Adobe Illustrator / PhotoShop / XD / Dimension, Figma

### Develop & Build Tools

Git, Netlify, Heroku, Webpack, MongoDB, Firebase, Vercel

## Education

### University of Texas at Austin

2007 => 2011 { Austin, TX }

Bachelor of Science in Mechanical Engineering, Minor in Business Foundations

## Selected Projects

### Dartmouth Dining Menu

// [menu.dartmouth.edu](http://menu.dartmouth.edu)

Designed and built a custom, user-centered, feature-rich dining menu experience. This site averages 5.8k visits per week.

### HTML Color Swatches

// [html-swatches.vercel.app](http://html-swatches.vercel.app)

A reference for HTML colors, combining Next.js static site generation with the Unsplash API to bring images that match the selected swatch.