


San'Quan Prioleau

Frontend Web Developer

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 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 Mentor @ 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, 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

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

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