San'Quan Prioleau
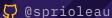
Frontend Web Developer

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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 React and other modern web technologies.

Relevant Experience

@ Dartmouth College ⇒ 3 years

└ Frontend Web Developer
June 2021 => Present

* 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
June 2021 => Present

* 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
January 2019 => June 2021

* Led user-centered design process and React development 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

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 in images that match the selected swatch.