

Nathan Benavides-Luu

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EDUCATION

Brown University

Sci.B Applied Mathematics-Computer Science

- Brown Entrepreneurship Program Tech Team; Fullstack@Brown; 4.0 GPA

May, 2024

Providence, RI

Scripps Ranch High School

High School

- National Hispanic Scholar, Spanish Seal of Biliteracy, California Scholarship Sealbearer, AP Scholar with Honor; 4.5/4.0 GPA

June, 2020

San Diego, CA

PROJECTS

Sheetroom (www.sheetroom.com)

- Created an accessible drag-and-drop quiz builder using React, implemented embeddable interactive content such as graphs, formulas, and images, and a customizable scoring algorithm.
- Architected database schema and used a Postgres database with a GraphQL API to store user data.
- Implemented JWT authentication and Google sign in to authorize API and serverless AWS lambda function calls.
- Designed and implemented a custom design system, using Tailwind CSS for component styling.
- Implemented two-way integration with Google Classroom, including OAuth 2.0 to authenticate Google API, and Stripe for payment processing.
- Received more than 200 user sign ups since launch, and has over 50 monthly active users.

Venture At Brown (ventureatbrown.com)

- Built a survey-based guide to help Brown and RISD students navigate the entrepreneurial resources on College Hill with React.
- Created and implemented a custom design system using Tailwind CSS.
- Built a user interface for users to navigate the tree-structured survey question data, as well as a way to browse resources by category.

EXPERIENCE

San Diego County Dept. of Child Support Services

IT Student Worker

June 2019 – November 2020

San Diego, CA

- Helped redesign paper and electronic document intake process to reduce postage costs, processing turn-around time, and errors in data entry
- Helped manage accounts on an organization-level Office 365 setup, maintain content on a Sharepoint intranet, and troubleshoot Active Directory account errors.

SKILLS

- **Programming Languages:** Typescript, Javascript, Python, HTML, CSS, Swift
- **Frameworks and Libraries:** React, React Native, Next.js, Django, Postgres, GraphQL, UI Kit, SwiftUI, AWS Lambda, Tailwind CSS, WordPress, Git, Firebase, Heroku, Core Data, CloudKit, Pandas
- **Software:** Photoshop, Premiere Pro, Illustrator, XD, Xcode, Google Workspace, Google Analytics
- **Interests:** Running, banjo, longboarding, ukulele, League of Legends