

# John Doan

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[Github](#) | [Blog](#) | [Linked In](#)

## SOFTWARE ENGINEER

A firm believer that the power of creativity lies in the solid foundation of logic. Front- and back-end developer experienced in JavaScript, Ruby on Rails, React/Redux, HTML5, CSS/SASS/Less, educated at the Flatiron School. Excited by challenging work, passionate about the beautiful mechanisms of code, inspired by tech's power to engage and inform.

## TECHNICAL SKILLS

**Back-End** - Ruby, Ruby on Rails, ActiveRecord, SQL, Object Oriented Principles, Sinatra, Python, PostgreSQL, SQLite  
**Front-End** - Javascript, React.js, React Redux, React Hooks, Material-UI, CSS, Canvas, jQuery, Exterior Design, HTML  
**Software** - Git, Microsoft Project, Vs Code, Browser Developer Tools  
**Soft Skills** - SCRUM, Written and verbal communication, Time management  
**Languages** - English(Native), Vietnamese(Fluent), Spanish(Basic)

## TECHNICAL PROJECTS

Roll Call - [Github](#) | [Demo](#)

**A WebApp that allows teachers the ability to analyze and keep track of all of their students in a visual way.**

- Utilized JSON Web Tokens and localStorage to store encrypted user information client-side.
- Implemented Ruby on Rails as backend that renders JSON information
- Designed a User Interface with React JS
- Applied Material UI & Toast UI for the majority of the Design
- Utilized Redux and Hooks to manage state
- Imported a QR scanner component that scans a Student's Id to show the student's information

Mana Burn - [Github](#) | [Demo](#)

**A Magic the Gathering deck building WebApp**

- Utilized a Magic the Gathering API using Ruby on Rails to allow fetches from the front-end
- Designed a User Interface with React JS and Material UI to allow a clean user experience
- Implemented search functions including that of sorting and filtering based on card attributes

Quest & Key - [Github](#) | [Demo](#)

**A user interactive math learning game that motivates the learner**

- Implemented Ruby on Rails backend to generate equations and save user information
- Used HTML Canvas to design a game board for javascript implementation
- Utilized jQuery to animate game graphics

## EXPERIENCE

**Phonoscope Inc.** Houston, Texas 01/2019 - 04/2020

*Business Analyst & Operations Assistant*

- Used "Broadhub", "Sage 50", "Excel" software to audit Phonoscope customers billing and data
- Reviewed Telecom License Agreements in relation to customer activity resulting in thousands in company savings
- Assisted Chief Operating Officer in organizing and documenting company operations

**South Coast Technology, Inc.** Houston, Texas 07/2017 - 12/2018

*Project Manager & Quality Engineer*

- Created the company cloud file management system tailored for company processes
- Reviewed and revised AutoCAD drawing sets to meet national electrical code standards and customer requirements
- Worked with product procurement and floor management to create an inventory
- Created a tool management system that keeps track of each tool needed for manufacturing
- Provided customer support to allow satisfaction in customer inquiries, project scheduling

## EDUCATION

**Flatiron School** Houston, Texas 10/2020

Full Stack Web Development, Ruby on Rails and JavaScript program

**University of Texas at San Antonio** San Antonio, Texas 05/2016

Bachelor of Science Degree Major: Electrical Engineering & Minor: Business Administration