

# JOHN RUDELL

## SOFTWARE ENGINEER

### Employment

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#### Genus Development Partners

Full Stack Developer

New York

02/17 - Current

- Develops full stack applications using React.js and Ruby on Rails
- Transforms design mockups into engaging web pages with HTML, CSS, and JavaScript
- Integrates Google Forms within [hotel website](#) to create automated inquiries by embedding the code into the HTML
- Utilizes D3.js with SVGs to add room visualizations, enhancing user experience

#### Beginner Programmers

Introductory Teacher

New York

10/16 - 01/17

- Led coding courses upwards of 100 students at Microsoft in New York
- Created [Intro to JavaScript videos](#) demonstrating data types, functions, and loops

### Projects

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#### The Rubbing Lamp (React.js, Ruby on Rails)

[Live](#) | [Code](#)

A single page crowdfunding platform inspired by Kickstarter

- Uploaded photos to AWS S3 using Paperclip gem for scalability
- Created a Category table on the back-end to filter projects through DRY React Components
- Enabled a responsive design with CSS Flexbox and media queries

#### Sentinel (D3.js)

[Live](#) | [Code](#)

A data visualization of Genus Holdings, an investment club

- Pulled realtime data from Google Spreadsheets using Tabletop.js
- Visualized shares and individual member's distributions with D3.js

#### DOMinate (JavaScript)

[Live](#) | [Code](#)

A recreation of the jQuery library written with vanilla JavaScript

- Created a lightweight library mirroring jQuery's functionality, including DOM manipulation, event handling, and AJAX requests
- Showcased the power of the library by adding and deleting todo items

### Contact

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### Education

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#### App Academy

2018

Intensive full-stack web development course with < 3% acceptance rate

#### Beginner Programmers

2016

Part-time web development course, specializing in high teacher-to-student ratios

#### University of Central Florida

Bachelor of Fine Arts

Musical Theatre 2014

### Skills

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Ruby

Rails

JavaScript

jQuery

React.js

Redux

D3.js

HTML

CSS

SQL

TDD

Git

AWS

Atom

Heroku