# JOHN RUDELL
## SOFTWARE ENGINEER

## Employment

### Genus Development Partners
New York
#### Front End Developer
02/17 - 10/17
- Transformed design mockups into engaging web pages with HTML, CSS, and JavaScript
- Integrated Google Forms within hotel website to create automated inquiries by embedding the code into the HTML
- Utilized D3.js with SVGs to add room visualizations, enhancing user experience

### Beginner Programmers
New York
#### Introductory Teacher
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

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

### 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

Ruby
Rails
JavaScript
jQuery
React.js
Redux
D3.js
HTML
CSS
SQL
TDD
Git
AWS
Atom
Heroku