

# SOFTWARE ENGINEER

## BRYAN SANTOS

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NEW YORK, NY

### SKILLS

Ruby, Rails, React, Redux, JavaScript, HTML, CSS, SQL, PostgreSQL, SQLite3, jQuery, D3, AWS S3, Webpack, Git

### PROJECTS

**Median** (ReactJS, ReduxJS, ES6, Ruby, Rails, PostgreSQL, jQuery, AWS S3)

[live](#) | [github](#)

*Median is a Medium application clone where users can publish, edit, and delete any of their stories. Users can also leave responses under the stories of other authors and follow other authors through the user profile.*

- Built user authentication with BCrypt and protected users against fraudulent changes with React-Router, along with cookies and session tokens to persist logins across sessions
- Integrated AWS S3 for user-uploaded images, reducing server load and improving scalability.
- Constructed a normalized Redux state shape, leveraging associations to pull all necessary information with minimal calls to the database.

**SolarSystem** (JavaScript, D3.js, SVG.js, HTML, CSS)

[live](#) | [github](#)

*SolarSystem is a data visualization project composed of JavaScript and other JS libraries such as D3. The web app allows users to compare planetary data, such as orbital inclination, amongst the eight planets of the Solar System.*

- Utilized CSS transitions, keyframes, and flex positioning to display planetary data in a clear and visually stimulating way.
- Made use of the SVG library to put together helpful tooltips, clear instructions and an interactive legend to facilitate user understanding.
- Employed the pie and arc generators of the D3 library to create a dynamic, interactive pie chart.
- Instantiated a responsive design of the data visualization by leveraging custom event listeners and handlers that seamlessly make calls to the data API.

### EXPERIENCE

#### Mobile Expert

*T-Mobile*

Dec 2015 - May 2019

- A part of a small, but extremely productive team that led the district in most sales metrics every quarter, ranking as one of the top 3 stores in that district every month.
- Met company goals through professionalism and courtesy with clients, ensuring optimal customer satisfaction and resulting in an increase in the products and services sold, increasing company revenue.
- Through an established winning culture, cultivated the necessary interpersonal skills to succeed in any team.

#### Brand Specialist

*Victoria's Secret*

May 2014 - Sep 2015

- Maintained visual aesthetics and look of the store with monthly floor set projects to reinvigorate the shopping experience.
- Learned design principles such as the '60-30-10 rule' when working with colors, and the 'rule of thirds' of design.
- Relocated company merchandise and furniture to satisfy design blueprints, gaining knowledge in color schemes and positioning

### EDUCATION

**Web Development** - App Academy | Summer 2019 | New York, NY

- Rigorous 1000-hour software development course with <3% applicant acceptance rate.
- Topics include: TDD, scalability, algorithms, OOP, coding style, REST, security, single-page apps & programming best practices.

**Bachelor of Arts** - John Jay College of Criminal Justice | 2012 - 2016 | New York, NY