

# Derek Lee

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New York, NY

Portfolio

Linkedin

[GitHub](#)

## Skills

Javascript, React, Redux, HTML5, CSS, Ruby, Ruby on Rails, PostgreSQL, Mongoose, MongoDB, Node.js, Express.js, SQL, Webpack, jQuery, Heroku, Google Maps API, AWS, d3.js

## Projects

### Bedfast

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

*An AirBnB clone built using:* React, Redux, Ruby on Rails, Javascript, Node.js, PostgreSQL, Webpack, Google Maps API, AWS

- Designed and built a clone of the popular website, Airbnb, with 3 full CRUD cycle features
- Integrated Google Maps API to dynamically display and update markers for each listing
- Incorporated AWS S3 with Ruby on Rails to store at least 5 user uploaded photos to improve performance
- Structured frontend components utilizing javascript, Reactjs, Redux, HTML5, CSS3 for rendering and jquery for api calls

### LearnTwoMath

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

*An online platform for users to either share resources about mathematical concepts or learn from the resources posted using:* Node.js, Express, MongoDB, React, Redux, Quill.js, Javascript, Webpack

- Utilized the Validator.js library to validate user input in the controller before saving things into a Mongodb database in order to prevent saving malformed data
- Employed the use of MongoDB as a non-relational database to store backend data and manipulated such data using the Mongoose ODM
- Customized the user interface and programmed custom functionalities from the react-quill library to guarantee a fluid user experience in rich text editing

### League of Legos

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

*A tool to look at all professional games played between two teams between 2015 and 2018 in League of Legends using:* Javascript, HTML, CSS, d3.js

- Constructed a system using external d3.js library and event listeners to show and hide features
- Designed a backend that filtered response data based on user input
- Performed unit testing and tested edge cases to ensure the program runs flawlessly

## Education

App Academy | May 2022 | New York, NY

Immersive software development course with focus on full stack web development

Baruch College | May 2021 | New York, NY

Zicklin School of Business, BA of Business Administration in Computer Information Systems (GPA: 3.7)