

Derek Lee

Software Developer

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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, React Calendar

- Integrated Google Maps and Geocoding API to display and update the map and the marker for each of the listings to make the single-page application dynamic
- Incorporated AWS S3 on the Rails backend to store 5 user uploaded photos for scalability, reliability, and security
- 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 share resources about mathematical concepts using: MongoDB, Express, React, Node.js, Redux, Quill.js, Javascript, Webpack

- Utilized the Validator.js library to validate user input in the controller before saving data into a MongoDB collection to prevent saving malformed data
- Employed MongoDB as a non-relational database to store backend data and manipulated such data using the Mongoose ODM to speed up development time
- 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](#)

An interactive app to create data visualizations of all professional games played between 2014 and 2018 in League of Legends using: Vanilla Javascript, HTML, CSS, d3.js

- Constructed dynamic data visualizations by leveraging the d3.js library so users may analyze gold statistics for each game
- Utilized Vanilla JavaScript to engineer intuitive features that allows users to seamlessly switch between chart types, hide and show winners, and compare players
- Designed a team search feature to fetch user query data using async functions

Education

App Academy | May 2022 | New York, NY

1000-hour immersive full-stack web development intensive program with < 3% acceptance rate

Baruch College | May 2021 | New York, NY

Zicklin School of Business, BA of Business Administration in Computer Information Systems (GPA: 3.71)