

# Jeffrey Du

## Software Developer



Github



LinkedIn



Portfolio

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### Skills

JavaScript, Ruby, Rails, SQL, CSS3, HTML5, PostgreSQL, React, Redux, jQuery, AWS, Git, RSpec

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### Projects

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#### Dab Genius | Full Stack | [Live](#) | [Github](#)

Single page web application inspired by Rap Genius. Built on Ruby on Rails, Facebook's React.js with Redux and styled with CSS3.

- Established ability for users to annotate lyrics of songs using RESTful API.
- Ability to upvote/downvote and comment on those annotations with real-time feedback to the user.
- Implemented back end user authentication using Ruby's BCrypt gem, with the alternative to register using Facebook via OmniAuth.
- Formulated search algorithm for instant access to individual songs.
- Incorporated Paperclip gem and Amazon Web Services to allow for scaling of the application and reducing server load time.

#### Sea No Evil | [Live](#) | [Github](#)

Browser game written using JavaScript, HTML5's Canvas API and CSS3.

- Developed own algorithms for determining physics logic of movement as the user plays.
- Incorporated Keymaster library for an interactive user experience.

#### FreeDOM | [Github](#)

JavaScript Document Object Model (DOM) Manipulation Library.

- Devised methods using native DOM elements to allow users to efficiently and easily manipulate elements on a web application.
- Implemented ability to create AJAX requests; users are able to fetch and send data asynchronously with FreeDOM.

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### Education

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#### Cornell University | Ithaca, NY

B.S. Animal Sciences | May 2016 | GPA: 3.325

#### App Academy | New York, NY

Intensive 1000-hour full stack web development course with < 3% acceptance rate.