

Will Betts

Software Engineer

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PROJECTS

Pley (Ruby on Rails, React.js):

[LIVE](#) |

[GitHub](#)

A business review web application inspired by Yelp.

- Customized multi-table query methods provide efficient and scalable data retrieval
- Allows users to dynamically view reviews while maintaining a user friendly show page
- Implemented security checks to ensure users can only update and delete their own reviews; in addition to only being able to write one review per business

toDOM (JavaScript)

LIVE |

[GitHub](#)

A lite version of jQuery built using the native DOM API.

- Created event listeners using vanilla JavaScript
- Makes AJAX requests, handles events, manipulates the DOM, works across browsers.
- Used in a basic browser game of Snake

Super Jeff

LIVE |

[GitHub](#)

A game similar to Nintendo's Super Mario built using JavaScript.

- Implemented mario-style physics via seamless collision-detection
- Utilizes the native DOM as well as jQuery to handle events happening on the window
- Implemented sounds effects via audio cues based on user input

EDUCATION

App Academy (Dec 2016) - New York, NY

- Rigorous 1000-hour web development with < 3% acceptance rate
- Teaches full-stack development in Rails, SQL, JS, React, TDD, and algorithms

University of Vermont (May 2015) - Burlington, Vermont

- Bachelor of Science in Mechanical Engineering; minor in Mathematics

Curriculum Highlights: Programming for Engineers, Electrical Engineering Concepts, Digital Control w/ Embedded Systems, Linear Algebra, Statistics for Engineering,

WORK HISTORY

Mast Brothers - Brooklyn, NY

Mechanical Engineer (2015 - 2016)

- Maintained machinery responsible for outputting 3k+ bars of chocolate per day
- Optimized production allowing for largest inventory in company history (100k+ bars)
- Collaborated daily with manufacturing engineers at Selmi and Cocoa Town, which involved ensuring that machines were being used and maintained in an optimal fashion