

Ziyan Wang

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[PORTFOLIO](#) • [GITHUB](#) • [LINKEDIN](#)

SKILLS Javascript, Ruby, Python, jQuery, HTML5, CSS3, Ajax, SQL, React, Redux, Rails, Sass, Bootstrap, Git, Postman, OOP and Prototype, Responsive Design, MVC, User Experience Design

PROJECTS

StarTable (Ruby on Rails, ReactJS, Redux) | *Sole Developer*

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

An online restaurant-reservation website inspired by OpenTable.

- Implemented Redux life cycle methods, AJAX calls, RESTful API to update user data.
- Created a reusable modal component for rendering "login/signup" forms.
- Using React Router to bootstrap user authentication check without querying backend SQL database.
- Seamlessly aligned the front-end with React and Redux and backend PostgreSQL database using JBuilder.
- Applied CSS Media Queries to fit content into different resolutions and achieved fully responsive design.

Match Match (JavaScript, CSS3, HTML5) | *Sole Developer*

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

A Vanilla JavaScript game inspired by "A Pair of Cards."

- Applied object-oriented design to implement both timed and unlimited game modes with reusable code.
- Designed algorithm to enable multiple levels by changing and constructing the game board dynamically.
- Initiated elimination logic around a single reusable algorithm to maintain DRY and modular code.
- Using HTML5 canvas and CSS3 animation to showcase game stage.

Food Filter (ReactJS, Redux, Node.js, MongoDB) | *Team Project*

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

A full-stack website aiming to highlight food ingredients based off of the user's own preference.

- Implemented Redux life cycle methods, AJAX calls, RESTful API to update user data
- Rendered backend query results and highlighted specific ingredients based on user preference.
- Applied ES6 to parse and normalize USDA FOOD Database query response.
- Front-end responsive design using HTML5, CSS3 and Media Queries.

EXPERIENCE

eCommerce Business Owner

Izzy Corp.

Oct 2010 - Sep 2017

- Funded a cosmetic product based e-commerce online store as small business owner.
- In charge of operating, development, marketing, sales, logistics, and customer services.
- Grew to 10+ employees with over \$1.5 million annual revenue within 3 years.
- Received over 200,000 reviews with 99.9% 5-star rate.
- SWE Related:
 - Designed online store website, focusing on streamlining user experience with forward-thinking CSS
 - Implemented UI/UX and ADs strategy to improve customer shopping experience.

EDUCATION

App Academy (< 3% acceptance ratio)

Spring 2018

Immersive software development course with focus on full stack web development

New York University

Sep 2008 - May 2010

M.S. in Electrical Engineering

Beijing University of Posts and Telecommunications

Sep 2004 - May 2008

B.S. in Information Engineering