

# Ziyan Wang

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

**SUMMARY** I'm a passionate software engineer with the innovative and creative mindset of an entrepreneur. I have experience building dynamic web applications in JavaScript, Ruby on Rails, and HTML/CSS. I love the battle of developing an idea into existence, and forging the bridge between conceptualization and a tangible, impactful product. Programming has been my outlet for problem-solving and creative expression.

**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** (Rails, ReactJS) *Ruby on Rails and React Redux*. | *Sole Developer* [live](#) | [github](#)

*An online restaurant-reservation website inspired by OpenTable.*

- Applied CSS Media Queries to fit content into different resolutions and achieved fully responsive design.
- Created custom modal framework using React component to efficiently develop login/signup.
- Used React Router to bootstrap user authentication check without querying backend database.
- Seamlessly communicate between front-end React and Redux and backend database using JBuilder.

**Match Match** (JavaScript, CSS3, HTML5) | *Sole Developer* [live](#) | [github](#)

*A game inspired by "A Pair of Cards."*

- Single-page front-end design using HTML5 canvas and CSS3 animation to showcase game stage.
- Designed game rules and transformed to corresponding algorithm logics.
- 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.
- Designed elimination logic around a single reusable algorithm to maintain DRY and modular code.

**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*

- Front-end responsive design using HTML5, CSS3 and Media Queries.
- Applied ES6 to parse and normalize USDA FOOD Database API response.
- Rendered backend query results and highlighted specific ingredients based on user preference.
- Implemented request and response logic to update front-end user profile and backend database seamlessly.

## 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 annually 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 (GPA 3.5/4.0)*

**Beijing University of Posts and Telecommunications**

Sep 2004 - May 2008

*B.S. in Information Engineering (GPA 3.5/4.0)*