

# Zhuoli Zhang

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[Github](#) · [LinkedIn](#) · [Portfolio](#)

## Projects

### Remember the Bacon — Ruby on Rails, React.js, PostgreSQL

[Live](#) | [GitHub](#)

A RESTful, single page app with React.js and Redux.

- Built search engine using regular expressions allowing users to search tasks on multiple criteria.
- Leveraged Heroku Scheduler with Rails' ActiveJob and ActionMailer to send email notifications for an optimal user experience.
- Synchronized tasks with Google Calendar via Google Omniauth for timely updates.
- Incorporated Redux architecture for unidirectional data flow between client and server.

### Formation — JavaScript, React.js, HTML5 Canvas

[Live](#) | [GitHub](#)

A visualization of comparison sort algorithms.

- Created interactive visualizations of sorting algorithms allowing users to pause/resume, change visualization speed, and perform demonstrations on demand.
- Implemented custom version of merge sort by adapting algorithm to use swapping.

### Dynamic Data — Ruby, SQL

[GitHub](#)

A lightweight Ruby ORM to connect Ruby classes to SQL based relational data tables.

- Facilitated database access by wrapping raw SQL queries in Ruby methods.
- Implemented dynamic method creation using metaprogramming.

## Skills

Ruby, Python, Rails, RSpec, JavaScript, jQuery, React.js, Redux, SQL, Git, HTML5, CSS3

## Education

### App Academy (New York, NY)

Full-stack web development course (acceptance rate < 3%)

2016

### Rotterdam Business School (Rotterdam, Netherlands)

MS · Consultancy & Entrepreneurship

2009 - 2011

### Southwestern University of Finance and Economics (Chengdu, Sichuan, China)

BS · Business Management

2003 - 2005

### Chengdu University of Traditional Chinese Medicine (Chengdu, Sichuan, China)

BS · Pharmacy

2001 - 2003

## Experience

### N&A Education Consultancy Co. Ltd (Zhuhai, Guangdong, China)

2013 - 2014

#### Lead Teacher

- Led a team of 8 teachers in designing the curriculum for International Department of Zhuhai No. 2 Middle School (Ranked 2<sup>nd</sup> best high school in the city of Zhuhai).
- Improved the average TOEFL test score of 50 students from 64 to 86 in one semester, the most improved case was from 28 to 86.

## Languages

English(fluent), Chinese(Native)