

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 Flux.

- Built task-tracking system using redux architecture and ActiveRecord associations, to track users' tasks, based on task attributes including: due dates, completion status, and the list associated with the task --allowing users to dynamically track their tasks in real time.
- Leveraged React lifecycle methods, Flux architecture to provide information on demand without loading time.
- Implemented scheduled task on heroku to send user task notifications by email, a day ahead of its due date, using rails ActiveJob and ActionMailer.

Formation — Javascript, React.js, HTML5 Canvas [Live](#) | [GitHub](#)

A Sorting algorithm visualization.

- Utilized Javascript, React.js and Canvas to create interactive visualizations of Shuffle and Sorting algorithms including: quick sort, bubble sort, insertion sort, selection sort, cocktail sort, heap sort, odd even sort, and bitonic sort.

Dynamic Data — Ruby, Rack, SQL [GitHub](#)

A lightweight Ruby ORM and MVC based on Rails

- Developed APIs encapsulated raw SQL queries allowing rapid DB access.
- Implemented dynamic method creation using meta-programming.

Skills:

Ruby, Python, Ruby on Rails, Rspec, JavaScript, Node.js, JQuery, React.js, Redux, SQL, Git, HTML5, CSS3

Education:

- **App Academy (New York, NY)**
Full-stack web development course (acceptance rate < 5%) · 2016
- **Rotterdam Business School (Rotterdam, Netherlands)**
M.S. · 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

Languages:

Chinese(Native), English(fluent)

Experience:

- **N&A Education Consultancy (Beijing) 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 2nd 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.
- **Chengdu Huaying Consulting and Service Co., Limited (Chengdu, Sichuan, China)**
August 2012 – August 2013 Teacher