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 in various ways.
- Leveraged React lifecycle methods and using Redux to cache data that reduced the number of http requests needed.
- Created scheduled task on Heroku to send user task notifications by email a day before 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.
- Implemented creative way to visualize merge sort in swapping context.

Dynamic Data — Ruby, SQL GitHub

A lightweight Ruby ORM and MVC based on Rails

- Facilitated database access by wrapping raw SQL queries into ruby methods.
- 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:

English(fluent), Chinese(Native)

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.