Chao Fan

Software Developer

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PROJECTS

Instaview | Ruby on Rails, PostgreSQL, React, Redux   Live | GitHub Repo

Single-page web app for sharing photos and discovering social connections

- Utilizes Redux cycle to update the state of React components based on users' actions(posting photos, making comments, liking photos, following users) to make each update easy to follow
- Secures authentication by encrypting user's password with BCrypt gem
- Implements photo uploading feature with paperclip Ruby gem and stores photos on Amazon Web services S3

GDP Map | HTML5/CSS3, jQuery, datamaps   Live | GitHub Repo

A data visualization project for showing all countries' annual GDP data

- Requests GDP from World Bank API and reorganizes JSON file for data rendering
- Renders world map with datamaps library to show different colors based the GDP value
- Shows country's GDP data when mouse clicks the country on the map

eQuery | JavaScript   Live | GitHub Repo

A lightweight JavaScript library for manipulating DOM elements and handling events

- Allows users to traverse and manipulate the DOM on the webpage, handling JavaScript events and making AJAX requests
- Demonstrates the library functions with a web application, Desktop Widgets, which contains a todo list and a real-time weather application

EXPERIENCE

Fangshan District Bureau of Transport of Beijing Municipality, Beijing, China

Subway Safety Compliance Specialist   Jan 2011 - July 2014

- Collated data from third-party data supplier on subway usage. Used Excel built-in functions and formulas to calculate usage trends and provided statistics to supervisor
- Conducted physical inspection of trains to ensure compliance with safety regulations and created summary reports

SKILLS

Ruby   Ruby on Rails

PostgreSQL

HTML5/CSS3

JavaScript

React   Redux

 jQuery   Git

RSpec   Webpack

EDUCATION

App Academy, New York
Sep 2017 - Nov 2017
1000-hour immersive full-stack web development intensive with <3% acceptance rate

Baruch College, New York
Jan 2015 - May 2017
M.S. in Information Systems (GPA: 3.59)

University of International Business and Economics, Beijing, China
Sep 2004 - July 2008
B.B.A. in Human Resources Management