

CHAO FAN

SOFTWARE DEVELOPER

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SKILLS

JavaScript	<div><div></div></div>
React.js	<div><div></div></div>
Redux	<div><div></div></div>
jQuery	<div><div></div></div>
Node.js	<div><div></div></div>
Ruby on Rails	<div><div></div></div>
Express.js	<div><div></div></div>
PostgreSQL	<div><div></div></div>
HTML5/CSS3	<div><div></div></div>
MongoDB	<div><div></div></div>
Python	<div><div></div></div>
C++	<div><div></div></div>

EDUCATION

APP ACADEMY

Full Stack Web Development
New York, NY 2017
1000-hour immersive full-stack web development intensive with <3% acceptance rate

Baruch College

Master's Degree,
Information Systems
New York, NY 2015

University of International Business and Economics

Bachelor's Degree, Human Resources Management
Beijing, China 2008

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 to enhance user experience
- Organizes JSON files with Jbuilder in the back end to make sure sensitive information will not be exposed to the public.
- Secures authentication by encrypting user's password with BCrypt gem
- Implements photo uploading feature with paperclip Rubygem and stores photos on Amazon Web services S3

GDP Map

HTML5/CSS3, jQuery, AJAX, datamaps [Live](#) | [GitHub Repo](#)
A data visualization project for showing all countries' annual GDP data
- Interacts with World Bank API and parses JSON file for data visualization
- Renders world map with datamaps library to show different color on each country based on GDP value
- Shows country's GDP data and more information when mouse clicks the country on the map

Trivia Master

HTML5/CSS3, JavaScript, jQuery, AJAX [Live](#) | [GitHub Repo](#)
A browser quiz game that user can answer various kinds of questions
- Requests and organizes questions from API into different categories
- Built with role-playing game system that user can gain experience points and purchase items to help with the gaming experience

eQuery

HTML5/CSS3, 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

WORK EXPERIENCE

Subway Safety Compliance Specialist

Fangshan District Bureau of Transport of Beijing Municipality
Beijing, China Jan 2011- July 2014
- Collated data from third-party data and 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

Administrative Assistant

Fangshan District Bureau of Transport of Beijing Municipality
Beijing, China Aug 2010- Dec 2010
- Answered phones and inquiries and directed internal and external callers to appropriate departments for problem resolution
- Ordered and maintained office supplies across departments for 250 employees. Tracked accounts payable and notified supervisor of unpaid invoices