Chao Fan

SOFTWARE DEVELOPER

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SKILLS

React
Redux
Ruby on Rails
PostgreSQL
HTML5/CSS3
JavaScript (ES6)
jQuery
Node.js
Express.js

BASIC KNOWLEDGE
Python   MongoDB   C++

EDUCATION

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

Baruch College, City University of New York (CUNY)
Master's Degree
Information Systems
New York, NY   Jan 2015 – June 2016

University of International Business and Economics
Bachelor's Degree
Human Resources Management
Beijing, China

PROJECTS

Instaview   *2017-2018*
Ruby on Rails, PostgreSQL, React, Redux   Live | GitHub Repo
Single-page application that allows users to upload pictures, like pictures, make comments and follow other users.
- Built custom reusable modal component for different user interfaces.
- Implemented infinite scroll feature that loads more content as user scrolls down the page
- Implemented photo uploading feature that stores photos on Amazon Web services S3

GDP Map   *2017*
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   *2016*
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   *2017*
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

RELEVANT EXPERIENCE

Programming Instructor
App Academy ● New York, NY   July 2018 - Present

- Taught intermediate programmers the fundamentals of programming and data structures.
- Conducted one-on-one help with students on solving basic algorithm problems in Ruby programming language.