



# Chao Fan

SOFTWARE DEVELOPER

 (914) 733-8425

 fanchao05@gmail.com

 github.com/chaofan85

 www.chaofan.live/

 www.linkedin.com/in/chaofan85/

## SKILLS

HTML5/CSS3

JavaScript (ES6)

React      Redux      jQuery

Ruby on Rails

Node.js      Express.js

PostgreSQL

## 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

## WORK EXPERIENCE

### Programming Instructor

App Academy • New York, NY

July 2018

- 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.