

**PROJECTS**

github.com/chaofan85

www.chaofan.live/

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**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*

***BASIC KNOWLEDGE***

C++

Python

MongoDB

Express.js

Node.js

Ruby on Rails

JavaScript (ES6)

jQuery

Redux

React

HTML5/CSS3

PostgreSQL

**SKILLS**

**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.

**WORK EXPERIENCE**

Chao

**Fan**

*SOFTWARE DEVELOPER*

**eQuery** *2017*

HTML5/CSS3, JavaScript [Live](https://www.chaofan.live/eQuery/) | [GitHub Repo](https://github.com/chaofan85/eQuery)

*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

**Trivia Master** *2016*

HTML5/CSS3, JavaScript, jQuery, AJAX [Live](https://www.chaofan.live/trivia_master/) | [GitHub Repo](https://github.com/chaofan85/trivia_master)

*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

**GDP Map** *2017*

HTML5/CSS3, jQuery, AJAX, datamaps [Live](https://www.chaofan.live/GDP_Map/) | [GitHub Repo](https://github.com/chaofan85/GDP_Map)

*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

**Instaview** *2017-2018*

Ruby on Rails, PostgreSQL, React, Redux [Live](https://www.instaview.cam/) | [GitHub Repo](https://github.com/chaofan85/Instaview)

*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