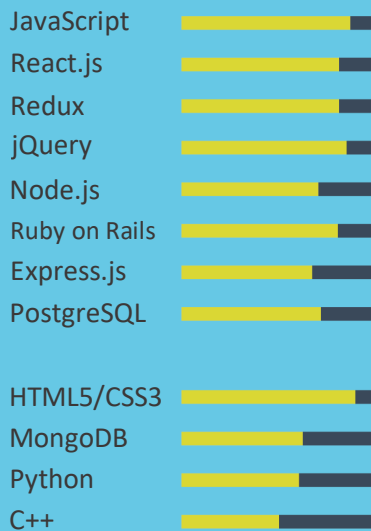# CHAO
FAN

*SOFTWARE
DEVELOPER*

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SKILLS

JavaScript
React.js
Redux
jQuery
Node.js
Ruby on Rails
Express.js
PostgreSQL

HTML5/CSS3
MongoDB
Python
C++

EDUCATION

APP ACADEMY
Full Stack Web
Development
New York, NY   2017

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 Ruby gem 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