Jinpeng Yang

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Education

San Francisco, CA	**Hult International Business School**	Expected in Mar 2020

- **Major**: Master of Science in Business Analytics (Double major), Master of Science in Business Analytics
- **Programming Coursework**: Data analysis with Python, SQL, Data visualization, Advanced Data Analytics, A/B Test
- **Award:** Won Hult Business Challenge by developing a business plan including product selection criteria and pricing model for Amazon online sales firm Ramora Digital
- Completed Data Scientist with Python career track courses on DataCamp

Beijing, China	**Beijing Institute of Technology**	Sep 2014-June 2018

- **Major:** Applied Physics (in-major GPA: 3.72), Economics (Double major)
- **Programming Coursework:** Algorithms & Data Structure, C programming, Advanced Mathematics, Linear Algebra.

Employment

Web Scraper and Analyst, Intern	**BLDUP. Inc**	May-Aug 2019

- Increased data-collecting efficiency by 60% by analyzing HTML and JavaScript of websites of top 300 architecture companies and writing python scripts to collect project data on websites.
- Analyzed cost and revenue of projects and applied K-means clustering model to make financial decisions.
- Leveraged knowledge in Web analyzing, JavaScript, JSON and Git, programming in Python using Pycharm IDE and Jupyter Notebook, storing data in database using SQL.

Experimental Data Analyst, Intern	**Southwestern Institute of Physics**	Mar-Sep 2017

- Saved 40% of storage space for images through using dimension reduction algorithm and reconstructed the original images with more than 80% accuracy.
- Improved experimental accuracy rate by 10% by applying Linear regression model to train experiment parameters.
- Leveraged in Machine Learning, Git and Tableau, programming in Python and R using Jupyter notebook.

Data Analyst, Intern	**China Daily**	July-Sep 2016

- Scraped news and advertisement from related websites, then managed company website redesign.
- Collaborated with data department to track daily sales data, provided oversight to the daily operations, including data pulls, research assignments, file transfers, data processing and data quality management.
- Leveraged in Git, HTML, and JavaScript, programming in Python and Node.js, debugging website using Chrome Developer Tools.

Software Project

Personal Website: *https://fredyang201.github.io/* (for additional information and projects)

Weather App (*http://fredweather.herokuapp.com/*)

- Developed a weather application using Python and Django framework that allows users to easily search weather for following week.
- Integrated Request library to access response from weather APIs and JSON library to parse JSON format data.
- Incorporated persistent data storage into online PostgreSQL database using SQL and Heroku.
- Utilized: Python, Django, Request, JSON, PostgreSQL, API, SQL, HTML, Bootstrap, Heroku, Git

Country API (*https://fredcountry.herokuapp.com/country/*)

- Designed a RESTful API that allows users to access country information, which contains name, capital, population, area, continent, currency items in each record.
- Integrated authentication, permission, throttle functions to API.
- Utilized: Python, Django, Django Rest Framework, SQLite, Heroku, Git

Beach Resort Web (*https://fred-beach-houses.netlify.com/*)

- Created a Beach Resort website through React and Bootstrap framework that allows tourists to easily book rooms online.
- Incorporated search function to the site, which supports users to select rooms by room type, price, size and number of guests.
- Utilized: React, JavaScript, Node, Redux, Express.js, Webpack, Component, Bootstrap, Netlify, Git

ToDo List App (*https://fredreacttodolist.herokuapp.com/*)

- Developed a ToDo List application using React that helps users to capture and organize tasks.
- Supported users to easily check completed and unfinished work.
- Utilized: React, JavaScript, Node, Express.js, Bootstrap, Heroku, Git

Skills

- Software:(*proficient*): Python, JavaScript, React, Django, Machine Learning; (*familiar*):HTML/CSS, Git, SQL, R, Node, jQuery, Vue