

# Jinpeng Yang

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[www.linkedin.com/in/jinpengyang/](https://www.linkedin.com/in/jinpengyang/) | <https://github.com/FredYang201?> | [fredyang201.github.io/](https://fredyang201.github.io/)

## Education

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|--|---|----------------------|
| <b>San Francisco, CA</b>   | <b>Hult International Business School</b> | Expected in Mar 2020 |
| <ul style="list-style-type: none"><li>• <b>Major:</b> Master of Science in Business Analytics (Double major), Master of Science in International Business</li><li>• <b>Programming Coursework:</b> Data analysis with Python, SQL, Data visualization, Advanced Data Analytics, A/B Test, Text Mining</li><li>• <b>Award:</b> Won Hult Business Challenge by developing a business plan including product selection criteria and pricing model for Amazon online sales firm Ramora Digital</li><li>• Completed Data Scientist with Python career track courses on DataCamp</li></ul> |   |                      |
| <b>Beijing, China</b>  | <b>Beijing Institute of Technology</b>    | Sep 2014-June 2018   |
| <ul style="list-style-type: none"><li>• <b>Major:</b> Applied Physics (in-major GPA: 3.72), Economics (Double major)</li><li>• <b>Programming Coursework:</b> Algorithms &amp; Data Structure, C programming, Advanced Mathematics, Linear Algebra.</li></ul>  |   |                      |

## Employment

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|--|--|---------------|
| <b>Web Scraper and Analyst, Intern</b>   | <b>BLDUP. Inc</b>                        | May-Aug 2019  |
| <ul style="list-style-type: none"><li>• 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.</li><li>• Analyzed cost and revenue of projects and applied K-means clustering model to make financial decisions.</li><li>• Leveraged knowledge in Web analyzing, JavaScript, JSON and Git, programming in Python using Pycharm IDE and Jupyter Notebook, storing data in database using SQL.</li></ul> |  |               |
| <b>Experimental Data Analyst, Intern</b>   | <b>Southwestern Institute of Physics</b> | Mar-Sep 2017  |
| <ul style="list-style-type: none"><li>• Saved 40% of storage space for images through using dimension reduction algorithm and reconstructed the original images with more than 80% accuracy.</li><li>• Improved experimental accuracy rate by 10% by applying Linear regression model to train experiment parameters.</li><li>• Leveraged in Machine Learning, Git and Tableau, programming in Python and R using Jupyter notebook.</li></ul>  |  |               |
| <b>Data Analyst, Intern</b>  | <b>China Daily</b>                       | July-Sep 2016 |
| <ul style="list-style-type: none"><li>• Scraped news and advertisement from related websites, then managed company website redesign.</li><li>• 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.</li><li>• Leveraged in Git, HTML, and JavaScript, programming in Python and Node.js, debugging website using Chrome Developer Tools.</li></ul>                            |  |               |

## 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, ES6, 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, ES6, Node, Express.js, Bootstrap, Heroku, Git

## Skills

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