**­­EDUCATION**

**Case Western Reserve University** 08/2019 - 01/2021

Master of Science in Operations Research and Supply Chain Management, GPA: 3.60/4.0

**Wuhan University of Technology** 09/2015 - 06/2019

Bachelor of Science in Logistics Engineering, GPA: 3.54/4.0

*Relevant Courses: Data Structure, Algorithms, Database, Computer Simulation, Advanced Python*

**SKILLS**

**Programming Languages:** Java, Python, C/C++, JavaScript, HTML/CSS, SQL, R

**Tools:** React, git, pandas, numpy

**EXPERIENCE**

**Bettaway Supply Chain Service, South Plainfield, NJ** 08/2021 - Present

*Logistics Data Analyst*

* Designed a Python program that can generate trailer usage and expense reports for a 3PL company.
* Used Python pyodbc module to establish connection to SQL server and applied SQL queries to collect trailer transportation data such as location, cargo status and date from company’s TMW relational database.
* Applied Python pandas module to merge the trailer status data from different tables and calculated the trailer usage amount and expense data for different customers.
* Visualized customers’ product shipments into charts such as heatmaps using Matplotlib and Seaborn to help them identify their fleet usage and optimize their supply chain solution to reduce costs.
* Improved the traditional report process from manually to automatically generated by Python and optimized daily dashboards with visualized charts. (可删，最后空出的部分会再加一个project)

**Athersys, Cleveland, OH** 02/2021 - 06/2021

*Supply Chain Intern*

* Applied Machine Learning models and used ERP software to forecast hundreds of key raw materials’ demand and generate production plans.
* Used regression models to analyze material demand history data from the company’s database and aligned with ERP prediction.
* Integrated data from past few years and used Power BI to visualize materials consumption and sales patterns to balance supply and demand and keep safety stock.

**PROJECTS**

**Travel Better** 09/2020 - 01/2021

* Built a Python program that displays the least-cost sequence of flights between cities.
* Fetched thousands of flight fare information through UA flight data API. Applied Dijkstra’s algorithm to calculate the least cost between whatever pairs of cities presented.
* Helped customers who desire to travel to multiple cities to plan their trips and reduced their travel costs.