Shihao Ying

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🎓 Education:

Georgia Institute of Technology	01/2023 - Current
M.S. in Computer Science	Online
University of Texas, Dallas	01/2017 - 12/2018
M.S. in Information Technology Management	Dallas, TX
University of Texas, Dallas	08/2016 - 06/2018
M.S. in Finance	Dallas, TX
Shanghai University of International Business and Economy	09/2011 - 06/2015
B.S. in Business Law	Shanghai, China

⚙ Qualifications:

- **Programming Languages:** SQL, Python (NumPy, Scikit-learn, pandas, matplotlib, seaborn, Scrapy), Java
- **Software:** MS Visio, MS Project, SAS Enterprise Miner, SAP, Tableau
- **Certifications:** Bloomberg BMC, Eikon DataStream, FactSet on Financial Modeling, Data science with Python workshop, Advanced Google Analytics Awards and Honors: Scholar of Distinction (2018), Scholar of High Distinction (2018)
- **Statistical/Modeling Skills:** Linear regression, Classification, A/B Testing, k-NN, Decision Tree, Neural Network, K-Means Clustering, Applied Machine Learning, Business Data Warehousing, Financial Modeling, Business Analytics with SAS

👥 Work Experience

Project Manager	04/2023 - Present
Project Analyst	09/2022 - 04/2023
**Supply Chain Analyst	Procurement Planner**	06/2021 - 09/2022
Weee Inc.	Fremont, CA

- Created and deployed a custom PO tool and inventory management system using SQL and Python, increasing efficiency and accuracy of purchasing decisions and inventory management(>90% product availability)
- Developed and monitored algorithm to prevent inventory waste (<0.5% spoilage rate) and clearance for warehouse stock
- Implemented external software RELEX to supplement forecasting capabilities and further improve accuracy and efficiency
- Created ETL tables with data engineers to integrate data for demand forecast team related to purchase order, internal order, sales history, inventory
- Used SQL and Tableau to create dashboards and metrics to track and improve vendor performance, including analyzing safety stock and optimizing demand forecasts
- Led process improvement projects to increase global in-stock rates by 15% and improve overall efficiency and reduce waste across sales organizations and regions

Data Analyst, Supply Chain	04/2019 - 05/2021
Zendure USA Inc.	Santa Clara, CA

- Conducted data analysis, including but not limited to forecasting, sales account management, and inventory management, to identify patterns and insights to improve supply chain operations
- Collaborated with cross-functional teams (Finance, Credit, Sales Management and Product Group) and external partners (Amazon, Shopify and Until Gone, etc) to drive continuity of supply solutions and sales improvement
- Standardized business reporting for strategic analysis and internal business review, implemented and maintained metrics of customer forecast and fulfillment including historical data analysis, waterfall analysis, and trending analysis, etc.
- Developed and implemented continuity of supply strategy such as lead time reduction and material flexibility plans, contributed to the support of global FDL efforts including bid/negotiation analytics, and continuous system improvement
- Executed contractual requirements as well as met with suppliers to discuss performance, cost opportunities, and future operational strategies, partnered with the factories to drive the lowest possible materials and service impact to tool availability
- Worked independently and took ownership of obligations, exercised judgment and operated under ambiguity

Business Analyst Intern	05/2018 - 04/2019
AILaw Inc.	San Jose, CA

- Conducted data analysis and provided business analysis expertise to improve products, interpreted customer needs, and translated them to user stories and product feature requirements
- Collaborated closely with business stakeholders, UX designers, project managers, and full-stack engineers to implement versatile web and mobile solutions
- Created a database of 70,000+ H1-B holders through Python Scrapy, generated a list of potential customers in California to help the sales team develop 3 new company connections through Tableau
- Evaluated internal data and reporting systems for efficiency, problems, and inaccuracies; recommended and implemented improvements