Ruxin Li

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TECHNICAL SKILL

- Programming Tool: **Python, R, SQL**
- Big data tool**: Spark, MapReduce**
- Visualization **Tableau**
- Deep Learning with **Neural Network**
- **Web scraping** (HTML, XML, JSON)
- **Excel VBA**

OBJECTIVE

Strong analytical professional with Supply Chain background and practical data-related project experience. Creative, passionate, organized team leader, motivated to solving company problems through analyzing complex data; able to communicate complex concepts to diverse audiences.

EDUCATION

July. 2019 -May. 2020	**William and Mary, Raymond A. Mason School of Business**
	Master of Science, **Business Analytics** GPA: **3.82**
Aug. 2014 - Dec. 2018	**Beijing Materials Institute**
	Bachelor**, International Supply Chain Management**
	Old Dominion University GPA: **3.71**
	Bachelor of Science, **Supply Chain Management**
	Bachelor of Science, **Business Analytics**

EXPERIENCE

Modeling Analyst
MSBA Capstone [link]
Ferguson
Mar. 2020 - May. 2020

- Recommended new showroom locations for Ferguson by developing predictive analytics models (GBM, XGBoost, and SVM, etc.)
- Designed automated data pipelines for over 40000 rows of integrated data (external and internal) using Alteryx, produced interactive dashboard to provide location selection insights for senior director of Enterprise information management team

Logistic data statistician
Deppon Logistics Co., LTD.
Jan. 2019 - May. 2019

- Optimized logistics transport capacity of a cosmetic company customer with Gurobi Solver, saved transportation space 16.7%, transportation cost $69,640
- Created a visual dashboard of monthly transportation volume, periods delay of logistics nodes, and presented to managers to decide major routes of customers

International trade data statistician
SYNUTRA France International
June 2019 - July 2019

- Provided forecasts of weekly container stuffing charge of over $15,000; reduced goods backlogs by 20%
- Reallocated cargo space of diverse products based on clustering analysis with SPSS

PROJECT

"Conversion Rate prediction using AWS SageMaker"
Mar. 2020 - April 2020 [link]

- Predict user conversion rate for an e-commerce company based on gradient boosting classifier framework in AWS, produced an overall accuracy of 98.6%
- Managed, accessed over 300,000 records in S3 bucket, built and trained machine learning models using AWS SageMaker

"Airbnb Data Analytics: Top Cost-Effective Houses"
Dec. 2019 - Feb 2020 [link]

- Processed, transformed Airbnb housing data into RDD using Big Data platform Spark
- Wrote SQL queries in Sparks to perform analytical tasks, provided sorted lists of most cost-effective houses on Airbnb to customers

ADDITIONAL INFORMATION

Leadership

- Minister of Organizing Department, CSSA
- Captain, campus Women's Soccer Team

Volunteer

Union Mission Ministries: Organized CSSA members to sort and carry out donation materials

Personal website:
ruxinli.github.io

Certificate

- Beta Gamma Sigma
- Starbucks Barista