Zeyang Zhou (Jason)

Email: zezhou@syr.edu; **Phone:** +1-6802164139

Address: 150 Henry Street, Syracuse, New York State, 13244

Education

Syracuse University, Syracuse, US   08/2020- 06/2022
Major: Applied data science (Master of Science);   Core course: Cloud management, Data Warehouse, Big data analysis, Database management and etc.
Shanghai Maritime University (SHMTU), Shanghai, China   09/2015-06/2019
Major: Industrial Engineering and Operation Research (Bachelor of Engineering)

Projects

Individual Work, Undergraduate Thesis, SHMTU   Advisor: Hongtao Hu (professor)
Topic: *Optimization of Logistics Distribution Path Based on Cold Chain Factors (c#, CPLEX)*
Innovation Point: Involving in multi-population improved genetic algorithm, this thesis took the influence of cold chain factors on logistics distribution into full consideration and had practicality and guidance meaning.
➢ Constructed a typical mixed-integer programming model based on VRPTW and designed an improved multi-population genetic algorithm to search lower-cost distribution path

Management information system for COVID-19, SU (Azure Data Studio)
➢ Create an MIS system for the pandemic since so many of the new SU COVID-19 cases were caused by gathering and clustering. In this project, we were required to use Microsoft Azure Database and Power App to create the system.

Data analysis for Southeast Airlines, SU (RStudio)
➢ We made numerous suggestions to assist them to improve their "Net Promotor Score," which can help them reduce customer churn. Also, we provide recommendations for their flight arrangement. (Data clease and Data mining)

Machine learning on AWS, SU (AWS, Sagemaker, Blockchain)
➢ Study how to utilize Sagemaker of AWS to process some real machine learning problems via using the Sagemaker pipeline, Sagemaker instance, and Sagemaker Autopilot. (Cloud management and computing)

Optiver Realized Volatility Prediction, SU (Spark & Machine learning)
➢ This project is from Kaggle, and it asks you to predict realized volatility in a very short window in the stock market. My teammates and I use Pyspark to build the pipelines, which are based on several ML models like Random Forest, GBRTS, Kmeans, etc.

Work Experience

Analyst intern, Ping An Bank, Minhang Branch in Shanghai   02/2018-03/2018
➢ Grasped the difference between corporate business and retail banking service
➢ Guided customers to handle the service online and offline, and promoted financial products to them; got high praise from both customers and the supervisor due to my excellent business capability and service awareness

Data analyst, International Department, Shanghai Changlian Logistics Co. Ltd.   10/2018-01/2019
➢ Sorted the operation manual of database and business system of the company (ERP software)
➢ Took charge of the documentary transaction in the market of South and East China, cargo dispatch and statistics, sales statistics of the vending machine, organization of employee purchase activity, invoice business, etc.

Reporter, Editorial Department (International Market), Shanghai E-commerce Promotion Center   07/2019-08/2019
➢ Assisted the reporter to record the interview, wrote the interview draft and polished words at the editor's suggestion
➢ Published the interview report on the international journal: *We Serve Our Customers in 120 Countries- Interview with Ms. Gong Yao, Chief Representative of Shanghai Representative Office of National Bank of Canada Co. Ltd.* (CN31-1550/F, ISSN-1001-5450)

Objective

To seek the job position of an operation intern or project engineer and utilize my communication and data management skills to the fullest.

Skills

Python, C++, eM-Plant, Matlab, ERP Software, IBM CPLEX Solver, Excel (lookup, correlation, regression, forecasting, 3D maps, Power Query, Power Pivot, Solver), R, SQL, AWS.