WENBIN YANG

Denver, CO 80210 ♦ (320) 223-3293

PROFESSIONAL EXPERIENCE

Arrow Electronics, Centennial, CO   March 2020 – May 2020
Business Analytics Intern
- Performed data extraction and manipulation over large relational data sets using R
- Conducted data analysis using logistical model and KNN to identify whether support special pricing
- Analyzed product, sales and market share trends to evaluate competitive market strategies
- Maintained and updated requirement Standard Operation Procedure documents within the team

Hunter Douglas, Broomfield, CO   January 2020 - March 2020
Business Analytics Intern
- Developed predictive analytics to analyze existing quality data on customer rejection rate
- Generated statistical model in R to predict custom orders using Decision Trees, Neural Nets, Linear Regression, Logistic Regression & Random Forest
- Built economic impact model to demonstrate ROI benefits
- Managed of the entire project life cycle based on an Agile-type delivery methodology

Century Mart – Zhengzhou, Henan, China   May - August 2017
Accounting Intern
- Assisted the Director of Accounting with accounts receivable and account payable
- Assisted Sales Team with product costing, product adds, and price rerolls
- Closely worked with shipping department to reduce delivery cost by using Excel Solver
- Performed ad hoc analysis of accounting transactions, operational performance and balance sheet accounts

PROJECTS

COVID-19 Analysis in Python   April 2020
- Utilized Python and Spark to process data cleansing and data analysis
- Performed data visualization tools to make clear and concise visual representations of data
- Forecasted the epidemic trends in COVID-19 with machine learning technics
- Conducted data computing by using AWS

Kobe Bryant Shot Selection in R   March 2020
- Analyzed Kobe's hit rate with different shooting actions in different shooting areas
- Conducted a variety of models (KNN, NN & GLM) to analyze Kobe's shooting percentage
- Divided data into training and testing set to verify and assure the accuracy of the models
- Assisted other team members to debug codes and also helped with increasing the accuracy rate of each model

STOCK PRICES with SQL-PYTHON CONNECTOR   November 2019
- Used the SQL-Python connector to build and code the SQL database inside Python
- Analyzed eight large corporations' stock prices a created ER model to see the relationship among each table
- Ran queries in SQL language to answer self-created business questions

Investigate Denver Airbnb Market with Machine Learning in R   August 2019
- Pinpointed areas in the Denver market by using interactive map (ggplot2)
- Created word cloud to find the most frequent words on customer reviews
- Conducted pricing analysis using linear regression

EDUCATION

Master of Science in Business Analytics   May 2020
University of Colorado Boulder**,** Leeds School of Business   Boulder, CO
Bachelor of Science in Finance   May 2019
St. Cloud State University, Herberger Business School   St. Cloud, MN

SKILLS

- Business Analysis: Microsoft Excel, Python, R, MySQL.
- Data Visualization: Tableau and Power BI
- Advanced knowledge in Excel: VBA, Macros and Solver
- Big Data/Hadoop Technologies: HDFS, Apache Spark

- Cloud Computing Tool: AWS
- Statistical Software Suite: SAS
- CRM: Microsoft Dynamics 365 and Salesforce
- Project management skill: Agile Methodology