SHIHAO YING

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*Information Technology Management and Finance graduate primed for a career as a **Financial Analyst***

SKILLS

Language & Databases: SQL, SQL Server, Java, Python, Bloomberg,
Certification: Bloomberg BMC, Eikon DataStream, Factset on Financial Modeling, Data science with Python workshop
Statistical Skill/Modeling: Linear regression, Classification, A/B Testing, k-NN, Decision Tree, Neural Network, K-Means Clustering
Software: MS Visio, MS Project, Visual Paradigm, Eikon, Factset, Bloomberg, SAS Enterprise Miner, SAP, Tableau
Python package: NumPy, scikit-learn, pandas, matlibplot, seaborn, keras, jupyter notebook, scrapy

EDUCATION, CERTIFICATIONS & TRAINING

M.S., Finance   **GPA: 3.95**   University of Texas at Dallas, May 2018

M.S., Information Technology Management   University of Texas at Dallas, December 2018

B.S., Business Law   Shanghai University of International Business and Economy, Shanghai, China

Relevant Courses: Applied Machine Learning, Statistics and Data Analysis, Business Data Warehousing, Financial Modeling, Accounting for Managers, System Analysis and Project Management, Business Analytics with SAS

WORK EXPERIENCE

Business Analyst Intern   AILaw Inc. (2018)

- Tested new product with developing team, found 36 improvement issues and communicated with developing team to launch new product on time.
- Created a database with 70,000+ H1-B information by Python Scrapy.
- Used Tableau make a list of potential customers in California, which successfully helped sales team develop 3 new company connections.
- Presented an advertisement to promote our new product on Dealmoon.

Teaching Assistant   University of Texas at Dallas (2017-2018)

- Managed all databases in Finance Trading lab, including Bloomberg, FactSet, Thomson Reuters Eikon, Capital IQ and MorningStar
- Tutored students who need help on corporate finance and other finance questions and prepared user guide of databases in Finance Trading lab for university website
- Coached 60+ students in understanding financial models in Excel and corporate finance concepts; graded students' homework and exams on investment and financial modeling.

HIGHLIGHTED ACADEMIC PROJECTS

Twitter Buzz Prediction Project: (Machine learning)

- Analyzed Twitter dataset to predict probability of buzz with 77 attributes related by Python
- Applied machine learning models in scikit-learn package for regression and classification analysis, such as kNN, linear regression, logistic regression, polynomial regression, simple SVM, SVM with kernels, decision tree etc.
- Presented performance of each method, built a research report and identified the best attributes and methods to improve buzz rate

Database Management:

- Built and managed transactional database for a gym to help the gym transfer from paper to digital member management.
- Created a menu-driven environment for the database system with MS Access.
- Designed and developed data input and report forms to made it easier for the gym managers.

Acquisition analysis of Juno Therapeutics, Inc by Celgene Corporation as buy-side adviser:

- Evaluated the proposed acquisition of Juno Therapeutics, Inc by Celgene Corporation as buy-side adviser
- Estimated performance and prepared a fully integrated models for 10-year projections with emphasis on the deal rationale, synergies, cost saving, ratio analysis, quantitative factors, leverage etc.