Shihao (Charles) Ying

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SKILLS

Computer Language: SQL, Python, Bloomberg, Git
Certification: Bloomberg BMC, Eikon DataStream, FactSet on Financial Modeling, Data science with Python workshop, Google Analytics for Beginners, Advanced Google Analytics
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, matplotlib, seaborn, keras, jupyter notebook, Scrapy

EDUCATION, CERTIFICATIONS & TRAINING

M.S., Information Technology Management   **GPA: 3.8**   University of Texas at Dallas, December 2018
   Scholar of Distinction
M.S., Finance   **GPA: 3.95**   University of Texas at Dallas, May 2018
   Scholar of High Distinction
B.S., Business Law   Shanghai University of International Business and Economy, June 2015

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

Operations Manager   April 2019 – Present
Zendure USA Inc.   Palo Alto, CA

- Established the connection with online sales channels with internal order admin system, Amazon, Shopify, Until Gone, etc.
- Established internal ERP system (Oracle NetSuite) and procedures, including auto-reporting, expense controlling, etc.
- Generated monthly financial report, including income statements, balance sheets and cash flow estimates
- Estimated monthly sales and import inventory for the US online channel and offline distributors to optimize inventory turnover
- Consolidated expense report for crowdfunding project and calculate ROI of the project
- Maintained office operations and services with general administrative tasks
- Prepared returns for income tax, sales tax, to compile with federal, state and international tax requirement with CPA firm
- Set up employee benefit plan, including health insurance and 401K, with HR Management firm.

Business Analyst Intern   May 2018 – April 2019
AlLaw Inc.   San Jose, CA

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

Teaching Assistant   May 2017 – December 2018
The University of Texas, Dallas   Richardson, TX

- Managed all databases in Finance Trading lab, including Bloomberg, FactSet, Thomson Reuters Eikon, Capital IQ and MorningStar
- Tutored students on corporate finance and helped them using databases in the lab
- Hosted the trade simulation competition in the school and attracted 200+ participates into the competition
- Created the user's guide of databases in the Finance Trading lab for university website
- Coached 150+ students in understanding financial models in Excel and corporate finance concepts, graded students' homework and exams on investment and financial modeling.

HIGHLIGHTED ACADEMIC PROJECTS

Sentiment analysis of "Iron Man 3" by Hive and Tableau:

- Connected Hadoop to command line interface
- Imported raw data from Hadoop and created Hive table for calculating and storing sentiment of each tweet.
- Calculated the sentiment of each tweet based on polarity of word and location in Hue.
- Visualized the analytical findings of tweet in Tableau for specific sentiment of "Iron Man 3" in different location.