**Shihao (Charles) Ying**

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**Skills**

**Language & Databases:** SQL, SQL Server, Java, Python, Bloomberg, Git, Hive, Hadoop

**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, 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 2011

**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 online sales channels and order admin system with Amazon, Shopify and NetSuite.
* Established internal ERP system and procedures, including auto-reporting, expense controlling, etc.
* Prepared monthly financial report, including income statements, balance sheets and cash flow statement
* Developed the finance policies to comply with management controlling requirement
* Responsible for various accounting functions: payroll, account payable, account receivable and general accounts
* Communicated with suppliers for PO quantity and date to confirm a health inventory turnover and logistic process
* Worked with external CPA firm on federal, state and international tax requirement, including income tax, sales tax, VAT, etc.
* Maintained office operations and services with general administrative tasks.
* Worked with external vendor for human resources management and employee benefit plan, including health insurance and 401k retirement plan

**Teaching Assistant**  June 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 user’s 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.

**Investment Banking Division Intern**  January 2016 – July 2016

*Bank of Shanghai*  Shenzhen, China

* Prepared capital rising plans based on financial report and government announcement with a team of six
* Explained results to customers during business negotiations for new business opportunities
* Conducted projects due diligence and output risk analysis based on 10-k, state of operation and industry

**Highlighted Academic Projects**

**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
* Built the financial model in excel with revolver for valuation and evaluated the deal by DCF, comparable transaction analysis and comparable company analysis
* Estimated performance and prepared a fully integrated models for 10-year projections with emphasis on the deal ratios, synergies, cost saving, ratio analysis, quantitative factors, leverage etc.
* Built a research report and presented it to the industry professionals and professors