NAME

LinkedIn URL | Phone Number | Email

EDUCATION

University of Connecticut, School of Business – Hartford, CT   **December 2021**
Master of Science in Business Analytics and Project Management, Concentration: Data Science   GPA: 3.91/4.00
Binghamton University, School of Management – Binghamton, NY   **December 2019**
Master of Science in Accounting (CPA Eligible)
Qingdao University, School of Business – Qingdao, China   **June 2017**
Bachelor of Management in Accounting

TECHNICAL SKILLS

Computer: Access, Amazon QuickSight, IDEA, JMP, Microsoft Office Suite, Python, R, SAS, SQL, Tableau, Visio
Languages: Mandarin (Fluent), Spanish (Proficient)

PROFESSIONAL EXPERIENCE

Amazon Web Servies – Seattle, WA   **June 2021 – August 2021**
Business Intelligence Engineer Intern
- Created and automated QuickSight dashboard to improve accuracy and efficiency of monthly AWS sales revenue publish by integrating billions of rows of upstream data, resulting in 52% time saving and delivering actionable insights to stakeholders
- Trained numerous machine learning and deep learning models to predict a substitute relationship between products in the pairs; developed time series models (ARIMA) to predict future sales revenues for different AWS services
- Optimized ETLSs and wrote maintainable underlying SQL queries to load data with low latency for business usage

Forensic Risk Alliance – New York, NY   **June 2019 – August 2019**
Forensic Risk Intern
- Performed fraud investigations and regulatory, compliance, Foreign Corruption Practice Act, Anti-Bribery, and Anti-Corruption assessments for clients in the aerospace and medical devices industry to improve organizational transparency
- Executed anti-corruption compliance program reviews by creating flowcharts to visualize key compliance procedures and identify potential risk areas, including KYC, Offset, T&E, Hospitality, Due Diligence, Charitable Donations, and Gifts
- Facilitated an external monitor for a global company in the context of a Deferred Prosecution Agreement with the DOJ and SEC for the settlement of criminal and civil noncompliance with the FCPA by implementing transaction testing and analysis

Ernst & Young – Beijing, China   **January 2016 – March 2016**
Assurance Intern
- Completed review of financial statements by analyzing unstructured data and utilizing advanced Excel functions to investigate discrepancies to ensure clients achieved regulatory compliance
- Prepared working papers of financial statement line items, using Excel V-Lookup and pivot tables, 40 bank confirmations, and testing and documenting collection; completing work one week ahead of schedule with the team
- Communicated effectively and efficiently with clients, supervisors, and colleagues to prepare for the auditing committee

ACADEMIC PROJECTS

Stanley Black & Decker Chargeback Analytics | Spring 2021
- Conducted predictive analytics to classify chargeback resolutions by training machine learning models with the highest accuracy of 82% to provide the company with early identification capability, leading to cost reduction and efficiency increase
- Established an interactive Tableau dashboard to trace and summarize chargeback resolutions, and identify actionable insights
- Consolidated data from diverse sources by writing SQL and performed data cleaning and feature engineering by using Python

Retail Banking Campaign Analysis | Spring 2020
- Designed and developed advanced predictive models to identify potential customers for banking services by using various machine learning techniques including logistic regression, neural network, K-Nearest Neighbors, and tree-based models
- Performed data cleaning, Exploratory Data Analysis, and data visualization by using Python (Numpy, Pandas, Matplotlib)

USA Covid-19 Dynamically Updating Maps | Spring 2020
- Implemented dynamically updating maps to track the spread of the coronavirus across the USA by using R (rgdal, rgeos)
- Integrated with stock market data to analyze the financial impact of the pandemic by using R (quantmod, magrittr, ggplot2)

ACTIVITIES & INTERESTS

ALPHFA, Ascend, EY Campus Ambassador, Finance Society, Foreign Currency, Investment Competition, NABA