XIAOZHE ZHANG

Bethlehem • PA • 7178088074 • xiz423@lehigh.edu • LinkedIn: linkedin.com/in/zxzjosh

EDUCATION

Lehigh University, Bethlehem, PA   Graduation: May 2023
Major: Finance & Business Information Systems / Minor: Financial Technology   GPA: 3.74

EXPERIENCE

Johnson Controls Milwaukee, USA   May 2022 - August 2022
Finance and Accounting Intern
- Constructed a dynamic finance model to identify the top accounts for each category of the business, providing an efficient and informative worksheet to adjust any changes in the corporation's performance
- Pressure tested the historical performance in SGA expense and proposed more accurate methods for forecasting accounts, leading to better future strategy implementation and decision-making for the company
- Developed "**SGA Expense Projection Analysis Methodology,**" providing a formalized method for the company to adjust methods in SGA expense projection and allowing the company to excel in the ability and capacity planning, cut spending, and the discretionary spend management

RELATED PROJECTS

Predictive Analysis of ICU Patient Mortality Dataset Projects   August 2022 - December 2022
Mentor: Insung Hwang - Lehigh University
- Collaborated with a team of 4 and organized group sessions to push the team moving forward
- Collected data from the healthcare industry and participated in organizing and interpreting data
- Created several predictive models to analyze the mortality for ICU patients by using the classification methods including logistic regression, neural network, and K Nearest Neighbor by using R studio and R
- Determined more than 50 factors contributing the most to the survival rate of admitted ICU patients and identified overlooked risk factors, giving healthcare professionals avenues for further research

Arkansas Best Corp Mock LBO Project   Feb 2022 - May 2022
Mentor: Dr. Nandu Nayar - Lehigh University
- Developed industry-related models in Advanced Financial Modeling Course for valuation using DCF and Hybrid APV models to account for volatile capital structure.
- Prepared a comprehensive LBO valuation model for an unsolicited purchase of a publicly listed trucking company.
- Completed the IRR analysis using the exit multiple method and drove the sensitivity analysis

LEADERSHIP

Lehigh Consulting Group, Lehigh University   Feb 2022 - Present
Health Care Sector Project Leader
- Led a group of 7 people on the market penetration strategy for a local medical technology company
- Identified the strength and point of pain for the company and utilized SWOT analysis to gain market share from its strength/opportunity and minimize the adverse effects of weakness/threat
- Investigated the current company competition, developed the market analysis, and provided a retail method to approach the market and generate revenue

SKILLS

- *Financial Modeling on Excel and Python, Data Modeling on RStudio, Financial Research on Bloomberg and Refinitiv Eikon, Data Management on SQL, Java , Tableau*

Interest

- *Foundation and Empire, Dune, Psychohistory (fictional), DJ, Lightening Programming and Engineering*