

Yaqi (Mia) Zhao

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EDUCATION

University of Illinois at Urbana - Champaign, Champaign, IL

September 2023 - May 2024

Gies College of Business, Master of Business Analytics

GPA: 3.64/4.00

University of Delaware, Newark, DE

September 2019 - May 2023

Alfred Lerner College of Business and Economics, Bachelor of Science

Accounting Major, Management Information System Minor

GPA: 3.69/4.00

EXPERIENCE

Graybar

September 2023 – May 2024

Data Analyst

- Refined monthly purchasing data and crafted intuitive visualizations using Python to assess data quality
- Developed a time series model to forecast monthly supplier purchases leveraging historical data
- Identified potential top-performing suppliers for the company
- Delivered a presentation on the model's outcomes, accompanied by a serialized model file (pickle) and Python scripts for monthly execution using updated data

New Business Review Group

August 2022 - September 2022

Data Analyst Internship

- Extracted and cleansed business operational data and financial statements using Excel
- Evaluated the company's operational health by calculating key metrics like Return on Investment (ROI) and User Stickiness
- Crafted comprehensive reports on financial stability and operational performance, integrating current market strategies and business models, using PowerPoint
- Designed data visualizations in Power BI, offering valuable insights into the operational and financial well-being to the client company's management team

ORGANIZED ACADEMIC PROJECTS

Convert Yelp JSON data to MySQL with proper metadata specification

- Converted Yelp JSON datasets into Pandas DataFrames within a Kaggle notebook utilizing efficient coding techniques
- Established a secure connection to Azure for persistent storage of Yelp dataset for subsequent analysis
- Forged an integration with Azure within a Google Colab notebook, facilitating the conversion and transfer of JSON data into a MySQL server database
- Composed 10 strategic SQL queries based on Yelp data aimed at informing the launch of a new restaurant in Philadelphia, executed within a Google Colab environment

LEADERSHIP EXPERIENCE

Chinese Scholars and Students Association – University of Delaware

March 2021 – May 2023

Head of Finance Department

- Recorded the flow of funds for the Student Union in daily basis
- Managed the current warehouse of CSSA, created a warehouse inventory list for future use
- Produced financial reports (expenses, income, balance) for outreach and major sponsors to view

SKILLS

- Skills: Tableau, Power BI, R studio, SQL database, Python, AWS, Azure, Excel, Word, PowerPoint
- Communication skills, presentation skills, public speaking, data modeling, problem solving
- Language: Native Chinese, Fluent English, Elementary Cantonese