Shiqi Wang

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EDUCATION

Tulane University, A.B. Freeman School of Business, New Orleans, Louisiana August 2022 - December 2023 (expected)
Major: Master of Business Analytics GPA: 3.80/4.0
Specialization: Energy

Relevant Coursework: SQL Database & Business Intelligence; Business Statistics and Modeling with R; Advanced Modeling & Analytics; Energy Financial Modeling; Energy Risk Management; Applied Machine Learning, Web Analytics

Hainan University, School of Chemistry and Chemical Engineering, Haikou, Hainan, China September 2018 - June 2022
Bachelor of Engineering - Applied Chemistry

Relevant Coursework: Probability statistics A1; Linear algebra A2; Advanced Mathematic; New Energy Materials Chemistry

SKILLS

Technical Skills: Python, SQL, R, Tableau, Power BI, Microsoft Office, React.js, GCP, AWS, Snowflake, Azure DataBricks, Big Query, Hadoop, Hive, MapReduce, Kafka, TensorFlow, PyTorch, Streamlit, Docker

Data Analytics Skills: Machine Learning, Deep Learning, Natural Language Processing, Web Scraping, Data Visualization, Artificial Intelligence, Big Data, Time Series Forecasting, ETL, Google Analytics, Text Mining

EXPERIENCE

Chase Cost Management, New York, NY August 2023 – Present
Business Data Analyst Intern

- Developing a Web UI using **React.js**, **MySQL**, and **AWS** to improve end-user experience and streamline operations
- Using **Python** for automatic **Text Mining** and precise data extraction from company contracts
- Innovated **ETL** workflows through **Docker**, **AWS**; employed **CloudWatch** for instantaneous data surveillance
- Pioneered advanced data analysis methodologies using **Qlik**, **Python**, and **MySQL** to extract actionable insights

Reily Foods Company, New Orleans, LA February 2023 – May 2023
Business Analyst Intern

- Designed data dashboard with **Microsoft Power BI**, **Excel**; built high-accuracy (88.9%) sales forecast model using **Machine Learning** models in **Python**, improving accuracy by 42%
- Developed real-time user interface via **Streamlit Application**, used **Google Cloud Platform**, **GitHub** for automatic sales prediction
- Utilized data analytics for strategic decision-making, optimized Kroger sales through comprehensive data analysis and insights

Hainan Geological Testing and Research Center, Haikou, China August 2021 – September 2021
Analyst Intern

- Conducted data-driven soil samples analysis; identified, quantified mineral composition
- Gained experience in chemical elements detection in water samples; strengthened data interpretation skills

Natural Products Factory, Haikou, China July 2021
Analyst Intern

- Evaluated business impact and prospects of natural products using data-driven approaches
- Analyzed market trends and economic factors to devise strategies for sales expansion in domestic and international markets

Hainan Wenchang Chunguang Food Co. Ltd., Haikou, China June 2021
Analyst Intern

- Assessed and analyzed sales methods, strategic plans under the Sales Director's guidance; utilized data analytics for business trends forecasting
- Gained insight into management and joint-stock operation modes; enhanced understanding of data-driven decision-making in a corporate setting

PROJECT

Machine Translation and Sentiment Analysis, New Orleans, LA April 2023 – May 2023

- Utilized the **Large Language Models** Google Translator for French-to-English translations and applied XLNet for in-depth Sentiment Analysis
- Integrated the model pipeline within **Google Cloud Platform Cloud Functions**, and configured **Cloud Scheduler** to autonomously activate the model upon new file uploads to **Cloud Storage**
- Developed intuitive user interfaces via **GitHub** and **Streamlit Application**, achieving a 92% accuracy rate in machine translation and sentiment analysis tasks

Crescent Bank Project, New Orleans, LA October 2022 – December 2022

- Built Linear and Logistic Regression models in **R**; streamlined data analysis and introduced advanced methodologies
- Refined the company's original Delinquency, Quarter, Misclassification Rates model, increasing prediction accuracy by 15%
- Applied models for effective delinquent accounts prediction; provided valuable insights for strategic decision-making