

# Frank Zheng

Dallas, Texas | Phone: (918) 231-9506 | Email: xiang-zheng@utulsa.edu | Website: frankzheng.me

## Education

### University of Tulsa

August 2012 - December 2018

*Master of Science in Business Analytics - GPA: 4.0*

- Recipient of H.E. Pope, Jr. Scholarship for Business. Graduate Assistantship, Outstanding academic achievement, Beta Gamma Sigma Honor Society.

*Bachelor of Science in Petroleum Engineering, Minor in Mathematics - GPA: 3.63*

- Recipient of The University of Tulsa International Leadership Scholarship, Thomas C. Frick Award, President's Honor Roll, Phi Eta Sigma Honor Society, Cum Laude, President of Chinese Student Association.

## Experience

### Lufthansa Technik Component Services, Tulsa, OK

April 2020 - Present

Business Analyst

- Responsible for managing production cost analytics for the bids & RFPs with over \$10M annual revenue.
- Develop a new pricing strategy in aims of increasing pricing competitiveness and mitigate risk of bid under the cost by integrating clustering models and engineering expertise.
- Design an integrated cost breakdown and trend analysis tool in R Shiny and SQL to provide detailed insights, interactive cost adjustment and supply chain strategy.
- Program an automated cost calculation algorithm, manage and maintain cost strategy repository, significantly reduces the timeline for submission by 42%.

### Murphy USA, El Dorado, AR

October 2019 - March 2020

*Operations Analyst II*

- Key contributor at the decision science team within Sales & Operations Department.
- Led operation KPI target setting project for 1,500 stores based on past performance and key demographical factors using time series predictive analytics and clustering methods.
- Analyzed and built a full evaluation on how Murphy Drive Rewards loyalty program stimulates sales and margin.
- Compiled, built and crafted monthly performance decks and providing analytical insights for leadership.
- Developed dashboards for over 2,000 store leaders for loss prevention and supply chain enhancement purpose.
- Identified key drivers of operational excellence and assisted workforce management team to craft and refine the field labor model for the entire enterprise with a 99.8% accuracy rate forecasting quarterly.

### Oklahoma Medical Research Foundation, Oklahoma City, OK

February 2019 - October 2019

*Data Analyst*

- Researched and identified risk factors, biomarkers, gene expression signatures and genetic pathways which impact autoimmune diseases.
- Developed genomic data analysis through the utilization of machine learning, data mining, clustering and visualization.
- Designed and optimized data analytics pipeline for automated processing sequencing data QC via Snakemake in Python.

### FlyingTee, Jenks, OK

May 2018 - August 2018

*Lead Data Analytics Intern*

- Led data analytics team comprised of computer scientist, data analyst and BI developer.
- Designed and implemented data pipeline and data warehouse, and ETL/reporting system using Python, PowerBI & PostgreSQL.
- Created interactive dashboards and developed SQL queries to automate daily business reports for various stakeholders.
- Performed data mining and predictive analytics for guest traffic to solve staffing flow problems, improved staffing efficiency by 27%.

## Skills

- Skilled in R, Python, SQL, SAS, Tableau, PowerBI, Energy Commodity Trading, Data Mining, Machine Learning, Google analytics, VBA, MATLAB, Eclipse, Mathematica, Drilling info, IHS Enerdeq, Petra, PIPESIM, Petrel, Harmony, DeltaV Operate.