

PROFESSIONAL SUMMARY

A results-driven business analyst with expertise in data analysis, risk detection, and cross-functional leadership. Proven track record in improving analytical efficiency, identifying cost savings, and developing actionable insights in healthcare and pharmaceutical industries.

PROFESSIONAL SKILLS AND INTERESTS

- Risk Analytics Expert
- Data Analysis Proficiency
- Predictive Algorithm Dev
- SQL and Python Mastery
- Dashboard Visualization
- Large Dataset Handling

EDUCATION

Master of Science (Business Analytics) GPA: 3.9/4. Wake Forest University (Winston-Salem, NC)

Bachelor of Science (Materials Chemistry). Sun Yat-sen University (Guangzhou, China)

Additional Professional Development:

- Mathematics for Machine Learning ([Cert. #9QDKHRFM9NH9](#)) – Coursera (2021)

PROFESSIONAL SKILLS DEMONSTRATED

[WELLNECITY, LLC](#)

June 2022 – Present

A healthcare technology consulting firm with 60 employees, ~\$1.1 billion in health plan spend managed, and enterprise clients/partners like Humana, Gentiva, and Blue Cross Blue Shield.

Senior Business Analyst (January 2024 - Present)

Leads the analytical projects within and across teams

- **SQL and Python Mastery:** Built statistical models using time series and regression, and advanced SQL queries which increased analytical efficiency by 25% and avoided manual errors by 30%
- **Predictive Algorithm Dev:** Identified ~\$2M of savings opportunities yearly by investigating financial and claims procedures, providing actionable insights to reduce cost, and improve member experience and care quality.
- **Data Analysis Proficiency:** Conducted comprehensive tech training sessions and analysis walk-throughs to facilitate the onboarding and supervision of analysts, and cross-functionally collaborated with the tech/product team on client deliverables, ensuring seamless integration of technology solutions.

Business Analyst (June 2022 - January 2024)

Runs Business As Usual (BAU) and ad-hoc analytics on medical records

- **Large Dataset Handling:** Spearheaded the automation for data extraction, verification, and medical data reporting for 100K+ members using complex BigQuery SQL

- **Dashboard Visualization:** Developed 30+ dynamic and refreshable visual reports and dashboards with Advanced Excel, enabling critical business decision-making and driving significant savings in medical non-transparency.

Times Property Holding Limited

August 2018 – October 2018

Fortune China 500 and China's Top 50 Real-Estate Development Enterprises.

Intern of Strategic Development Center

Performs strategic analysis and forecast on real-estate development.

- **SQL and Python Mastery:** Gathered statistics on nationwide land sales from 2015 to 2017, by data mining and crawling from websites.
- **Data Analysis Proficiency:** Delivered professional reports and dashboards analyzed national censuses and geospatial data.
- **Predictive Algorithm Dev:** Predicted the following 6 months' trends of land sales for targeted cities, achieving an accuracy of 83%.

RELEVANT PROJECTS

Risk Analytics Expert: Identified which customers are likely to fraud/default from a large fintech bank dataset, and leveraged data insights to reduce risk and loss using Random Forest, XGboost, and Logistic Regression. (2022)

Predictive Algorithm Dev: Developed a profile of the typical customer that purchases organic products using e-commerce clustering algorithms. Built and tuned decision tree, KNN models, and SVM in R and compared model performance with accuracy and AUC. (2021)

OTHER RELEVANT INFORMATION

Additional Languages: Chinese (native)

Technical Skills: Java, R, Python ML stack, SQL, Tableau, Matlab, A/B Testing, Hadoop, Spark, Git

Microsoft Office Suite: Word, Excel (Pivot tables, Vlookup), PowerPoint, PowerBI, Power Automate