



## CONTACT

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- Remote
- <https://annabelle0726.github.io/Annabelle-portfolio/>

## EDUCATION

- Master of Science, Data Science  
**UNIVERSITY OF ARIZONA**
  - GPA: 3.75
  - 2025 - 2026
- Bachelor of Art, Information Science & eSociety  
**UNIVERSITY OF ARIZONA**
  - GPA: 3.92/4
  - 2022 - 2024

## SKILLS

- R
- Excel
- SQL
- Tableau / Power BI
- Data Visualization
- React / Vue
- Python
- Git
- Machine Learning
- JavaScript
- Natural Language Processing
- Illustrator
- Neural Networks
- Adobe XD
- Photoshop

## CERTIFICATIONS

- Dean's List
- Summa Cum Laude
- Dean's List With Distinction
- Data Science & Visualization
- Academic Year Highest Academic Distinction
- Honorable Mention
- [Coding for Web Track](#)
- [Coding for Data Track](#)
- [Intel Project - Data Analysis for Sustainability Project](#)
- [Intercultural Skills](#)

# ANNABELLE ZHU

## DATA SCIENTIST | DATA ANALYST

### PROFILE

Data Analyst with a Master's in Data Science from the University of Arizona, skilled in transforming complex datasets into actionable insights that drive business growth. Proficient in Python, SQL, R, Tableau, and Power BI, with experience in machine learning, data visualization, and statistical modeling. Adept at collaborating with cross-functional teams to solve problems, improve KPIs, and deliver measurable ROI.

### PROFESSIONAL EXPERIENCE

#### Xindao Software (Jiangsu) Co., Ltd

##### Data Scientist (Freelance)

01/2025 - 07/2025

- Led development of a machine learning model for predicting manufacturing process delays, achieving 87% accuracy and reducing production downtime.
- Created Manufacturing Execution System analytics dashboard, integrating data from ERP and IoT sensors to track production KPIs in real time.
- Conducted root cause analysis of production bottlenecks using statistical hypothesis testing, leading to a 25% improvement in throughput.
- Designed and implemented a data quality monitoring system to flag anomalies in incoming sensor data, preventing costly production errors.

#### Cooledtured Collections

##### Data Research Analyst

07/2024 - 09/2024

- Collected, cleaned, and organized data to ensure accuracy
- Conducted data analysis and created visualizations to generate insightful reports
- Contributed to the development and improvement of data-driven processes by staying updated on industry trends and best practices

#### The Global Tech

##### Data Analyst

01/2024 - 05/2024

- Utilized SQL to extract and analyze data, presenting findings through interactive visualizations in Tableau and producing comprehensive reports for internal stakeholders.
- Gained insights into global business strategy and communicated data-driven recommendations based on an understanding of metrics and business goals.
- Conducted data analysis and visualization of website data for grammy.com (by the Recording Academy)

#### Shanghai Longmai Industrial Co., Ltd

##### Data Analyst

06/2023 - 12/2023

- Designed and maintained a sales analytics pipeline using Python and SQL to collect, clean, and process transaction data from 5+ sales channels.
- Developed interactive Power BI dashboards for KPI monitoring, enabling management to identify underperforming regions and improving sales by 12% within a quarter.
- Built and deployed a predictive sales forecasting model using regression and seasonality analysis, reducing inventory overstock by 15%.
- Automated weekly and monthly reporting, cutting manual reporting time by 40% and improving decision-making speed.
- Collaborated with marketing to design A/B experiments, analyzing click-through rates and conversion metrics to improve campaign ROI by 20%.