

HANYING XU

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EDUCATION

University of California, Los Angeles (UCLA) - M.S. in Biostatistics	Expected 2026	GPA:3.9/4.0
University of California, Davis (UCD) - B.S. in Statistics; Minor in Psychology	Sep. 2020 - Mar. 2024	GPA:3.8/4.0

PROFESSIONAL EXPERIENCE

Micas

AI Solutions & Data Engineering Intern

Jun. 2025 - Sep. 2025

- Designed and deployed **Python**-based data automation workflows on Azure and AWS, streamlining retrieval and reporting of large-scale operational data.
- Built **SQL**-driven pipelines and automated ticket summarization processes, enabling faster data queries and reducing manual reporting workload
- Automated ingestion and preparation of structured/unstructured data from multiple sources (SQL Server, APIs, flat files) using **Python** ETL scripts, ensuring data integrity and compliance with best practices.
- Developed tools that connected company databases with analytics workflows, supporting real-time insights and decision support
- Achieved measurable impact by automating high-volume manual tasks, saving 20+ analyst hours per week and improving support efficiency, resulting in significant time and cost savings

NexGem

Data Analyst Intern

Jun. 2024 - Sep. 2024

- Developed and maintained **SQL** pipelines for 100K+ POS records and 20K+ feedback entries, creating a unified dataset that revealed key consumer trends for business strategy
- Automated sales reporting in **R** and **Excel** and created **Tableau** dashboards, reducing manual reporting time and enabling faster weekly business reviews.
- Applied clustering and association analysis to uncover purchase patterns, informing inventory planning and cross-sell strategies

IQVIA

Data Analyst Intern

Jul. 2023 - Sep. 2023

- Produced and validated 100+ reports and dashboards using **SAS** and **R**, ensuring accuracy and reliability of large datasets to support executive decision-making across global studies
- Extracted and analyzed financial and healthcare data from company reports, applying feature selection and outcome modeling in **R** to deliver predictive insights for business strategy
- Synthesized a 5-year review of healthcare and market datasets, highlighting growth drivers and regulatory changes that informed executive planning decisions

Nielsen

Marketing Data Analyst Intern

Jul. 2022 - Aug. 2022

- Automated competitor data extraction from multiple sources (iFind, Wind, public records) using **Python**, producing intelligence on 10+ companies for benchmarking
- Analyzed marketing KPIs and engagement metrics in **R** to evaluate campaign performance, providing optimization recommendations for a multinational client
- Produced 3 research reports and executive presentations, translating analytics into strategic recommendations that guided marketing investment decisions

SKILLS

- **Programming & Tools:** SQL, Python (pandas, scikit-learn), R (tidyverse, ggplot2, Shiny), SAS, Excel (PivotTables, VLOOKUP), Tableau, Power BI, Git, Stata, Microsoft Office, Azure (AI Studio, Data Factory), AWS (Bedrock, Lambda), Power BI, NLP, GenAI Frameworks
- **Data Management & BI:** ETL pipelines, data wrangling & transformation, SQL integration, reporting automation, dashboard development (Tableau, Shiny), A/B testing
- **Analytics & Methods:** Predictive modeling (logistic regression, time series forecasting, credit risk modeling), clustering, regression analysis