

JESUS RODRIGUEZ

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SKILLS

Technical Skills - Statistical modeling (linear/logistic regression, ANOVA), experimental design, power analysis, data management (dplyr, pandas), data visualization (ggplot2, matplotlib), reproducible reporting (Quarto, R Markdown), version control (Git/GitHub), database querying (SQL)

Languages and Tools - *proficient*: R, SAS, Excel, Tableau *intermediate*: Python, SQL, Git/Github

Selected Coursework - Principles of Statistical Design I & II, Principles of Statistical Analysis, Statistical Computing in R and Python, Statistical Modeling I & II, Technical Statistician Skills, Regression Analysis, Linear Algebra, Data Visualization

EXPERIENCE

University of Texas-Medical Branch

Research Assistant, Biostatistician Intern

June 2025-July 2025

Galveston, TX

- Cooperated with biostatisticians, principal investigators, and doctoral researchers to examine clinical burn patient data from TriNetX to better treat burn scarring; ultimately ran a chi-square analysis to find an association between patient age and burn size for certain outcomes
- Attended lectures related to advanced statistical methods such as linear regression, mixed models, and machine learning methods
- Presented research analysis findings, translating statistical tables and charts into clear, actionable insights for both technical and non-technical audiences
- Integrated statistical results, data visualization, and clear interpretation of findings to help author research manuscripts

The Global Career Accelerator

Data Analyst Intern, Excel and Tableau Trainee

January 2025-May 2025

Lincoln, NE

- Analyzed A/B tests to measure understanding of trends and audience behavior for The Recording Academy in Excel using pivot tables and logical functions such as Xlookup
- Told a story with data by generating visualizations for Intel's Sustainability team in Tableau utilizing charts and dashboards

Statistical Cross-disciplinary Collaboration and Consulting Workshop

R and SAS Trainee

Jan 2025-Jan 2025

Lincoln, NE

- Utilized power analysis to determine sample sizes for designing experiments
- Employed machine learning algorithms for better predictive modeling

York Animal Clinic

Veterinary Assistant

May 2018-May 2025

York, NE

- Communicated and collaborated effectively with veterinarians and veterinary technicians to ensure understanding of each patient's condition in order to provide extensive care

EDUCATION

University of Nebraska-Lincoln

Bachelor's in Statistics and Data Analytics

Minor in Mathematics

Graduation Date-Dec 2025

Lincoln, NE