JESUS RODRIGUEZ

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SKILLS

Technical - 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)

Interpersonal - Communication, Collaboration, Adaptability, Detail-oriented, Problem-solving

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

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

EXPERIENCE

University of Texas-Medical Branch — June 2025-July 2025
Research Assistant, Biostatistician Intern — 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 in R 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
- Documented data, methodologies, and interpretation of findings to help author research manuscripts

The Global Career Accelerator — Jan 2025-May 2025
Data Analyst Intern, Excel and Tableau Trainee — 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 Lab — Jan 2025-May 2025
R and SAS Trainee — Lincoln, NE

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

York Animal Clinic — May 2018-Present
Veterinary Assistant — 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 — Graduation Date-Dec 2025
Bachelor's in Statistics and Data Analytics — Lincoln, NE
Minor in Mathematics