

# JESUS RODRIGUEZ

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## EDUCATION

### University of Nebraska-Lincoln

Bachelor's in Statistics and Data Analytics  
Minor in Mathematics

Graduation Date-Dec 2025

Lincoln, NE

## RELEVANT EXPERIENCE

### University of Texas-Medical Branch

*Summer Intern of Biostatistics and Data Science*

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 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

*Data Analyst and Coding for Data Intern*

Jan 2025-Dec 2025

Remote

- **Fall 2025 (SQL and Python):**
  - Hands on experience learning SQL and Python, guided by professionals
- **Spring 2025 (Excel and Tableau):**
  - 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

## OTHER WORK EXPERIENCE

### York Animal Clinic

*Veterinary Assistant*

May 2018-Present

York, NE

- Communicated and partnered effectively with veterinarians and veterinary technicians to guarantee thorough understanding of patients' needs
- Adapted quickly to changing priorities, worked efficiently under pressure, and collaborated with team members to provide ample care and compassion to both patients and clients

## 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)

**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

## INVOLVEMENT

### Statistical Cross-disciplinary Collaboration and Consulting Lab

*R and SAS Trainee*

Jan 2025-May 2025

Lincoln, NE

- Participated in a statistical analysis workshop using R and SAS, applying hypothesis testing methods such as t-tests and ANOVA, as well as data wrangling and visualization techniques to datasets
- Completed guided exercises analyzing datasets with R and SAS, reinforcing statistical concepts and reproducible reporting