

JESUS RODRIGUEZ

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EDUCATION

University of Nebraska-Lincoln (UNL)
Bachelor's in Statistics and Data Analytics
Minor in Mathematics

Graduation Date-Dec 2025
Lincoln, NE

RELEVANT EXPERIENCE

UNL Department of Statistics

Teaching Assistant

(3 mth) Aug 2025-Present
Lincoln, NE

- **Intro to Mathematical Statistics I - Distribution Theory:**

- Lead weekly recitation sessions to reinforce lecture material and guide students through complex statistical problems
- Hold office hours to provide individualized support, answer student questions, and clarify challenging concepts

The Global Career Accelerator

Data Analyst and Coding for Data Intern

(10 mth) Jan 2025-Present
Remote

- **Fall 2025 (SQL and Python):**

- Conduct data analysis using SQL and Python to extract, filter, and manipulate large datasets
- Collaborate with a cross-functional, global team to complete analysis tasks

- **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; demonstrated that a website split improved engagement
- Told a story with data by generating visualizations for Intel's Sustainability team in Tableau utilizing charts and dashboards

University of Texas-Medical Branch (UTMB)

Biostatistics and Data Science Summer Intern

(2 mth) 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 survivors; ultimately ran a chi-square analysis in R to find an association between patient age and burn size for certain outcomes
- Coded a folder scraping function to extract prevalence test results from over 22,000 CSV files downloaded from TriNetX and manipulated the results for a proper analysis
- 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

OTHER WORK EXPERIENCE

York Animal Clinic

Veterinary Assistant

(7 yr 6 mth) May 2018-Present
York, NE

- Communicate and partner effectively with veterinarians and veterinary technicians to guarantee thorough understanding of patients' needs
- Adapt quickly to changing priorities, work efficiently under pressure, and collaborate with team members to provide ample care and compassion to both patients and clients
- Support veterinarians during house calls by organizing equipment and managing livestock handling to prevent incidents, allowing the veterinarian to focus fully on patient care and ensuring visits run smoothly

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), webscraping (rvest, APIs, JSON to tabular transformation, PDF data extraction), functional programming (purrr)

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