

Lucas Munoz

Data Science Intern

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 New Haven, CT 06510

STRENGTHS

-  **Analytical Thinking**
Translates complex data sets into actionable insights, ensuring quality results across projects.
-  **Effective Communication**
Articulates technical information to non-experts clearly, fostering understanding and strategic dialogue.
-  **Collaboration**
Works efficiently within teams, utilizing each member's strengths fosters inclusive and successful environments.
-  **Problem Solving**
Approaches academic challenges creatively leading to innovative outcomes throughout research initiatives.
-  **Adaptability**
Quickly adjusts to new technologies and changes in project scope ensuring continued productivity and quality.

SKILLS

- Statistical Analysis

Python

R
- Data Visualization
- Machine Learning
- Data Manipulation
- Communication Skills
- Problem Solving

Data Collection
- Data Validation

Data Interpretation
- Model Development

Programming
- Report Generation

Forecasting
- Workshop Facilitation

SUMMARY

Detail-oriented Data Science graduate student with applied statistical knowledge and hands-on experience using Python and R. Demonstrated ability to communicate complex concepts to diverse audiences effectively. Eager to contribute skills in data analysis and modeling, leveraging academic backgrounds to solve real-world problems during an internship. Experience includes collaborating on machine learning projects, analyzing datasets for insights, and presenting findings clearly to non-technical stakeholders. Excited to apply this background at TechNova Solutions while driving impactful, data-driven decisions.

EDUCATION

Master of Science in Data Science
Yale University  GPA: 3.8  2026  New Haven, CT
Coursework: Statistics, Programming, Machine Learning, Data Visualization

TECHNICAL SKILLS

- Statistical Software:** R, SAS, SPSS
- Programming Languages:** Python, R, SQL
- Data Visualization Tools:** Tableau, Matplotlib, Seaborn
- Machine Learning Libraries:** Scikit-learn, TensorFlow, Keras
- Project Management Tools:** Trello, Asana, JIRA
- Data Handling Technologies:** Excel, Google Sheets, Power BI
- Database Management:** SQL Server, PostgreSQL, MongoDB
- Version Control Systems:** Git, GitHub, Bitbucket
- Cloud Computing Platforms:** AWS, Azure, Google Cloud
- Proofing and Presentation Tools:** PowerPoint, Microsoft Word, LaTeX

EXPERIENCE

- Data Science Intern**
University Research Lab  June 2025 - Present  New Haven, CT
- Support complex data science projects by designing and implementing algorithms, analyzing findings, and collaborating with faculty.
- Collaborated with faculty to design and implement machine learning models for predictive analytics, improving project outcomes.
 - Analyzed large datasets producing comprehensive reports for academic dissemination, enhancing research visibility.
 - Employed Python and R for intricate data manipulation, contributing accuracy in statistical modeling and visualizations.
 - Simplified technical findings through clear presentations aimed at diverse audiences, facilitating executive decision-making.
 - Assisted in rigorous data validation processes ensuring integrity of metrics utilized in multiple research initiatives.
 - Conducted extensive literature reviews guiding the development of robust methodologies for ongoing projects.
- Capstone Project Developer**
Independent  September 2024 - May 2025  New Haven, CT
- Led a collaborative effort developing data solutions to enhance local business operations with a focus on inventory management.
- Spearheaded team efforts in developing statistical models for demand forecasting, influencing local inventory strategies.

LANGUAGES

English	Native
Spanish	Proficient

MY CAREER



- Data Science Intern at University Research Lab (1.2 Years)
- Capstone Project Developer at Independent (8 Months)
- Academic Research Assistant at Statistical Department (7 Months)

- Utilized R for sophisticated data analyses enabling predictive reporting that informed stakeholder decision-making.
- Facilitated training workshops focused on presenting data visualization techniques, strengthening peer competencies.
- Gathered qualitative data through surveys and interviews increasing depth and quality of final project deliverables.
- Presented analytical transformations to stakeholders at university symposiums, enhancing project recognition.
- Engaged in an iterative evaluation process refining recommendations based on real-time feedback from participants.

Academic Research Assistant

Statistical Department 📅 January 2024 - August 2024 📍 New Haven, CT

- Assisted in various data-centric research initiatives, focusing on accurate data analysis and methodological integrity.
- Supported multiple research projects requiring advanced statistical programming, furthering research objectives.
 - Engaged in data collection initiatives ensuring adherence to high-quality standards amidst project timelines.
 - Applied SAS for detailed extraction and analysis of experimental data, providing key insights into project impacts.
 - Played a role in drafting manuscripts aiding submission processes for peer-reviewed journals, reinforcing academic reputation.
 - Conducted educational workshops for undergraduates enhancing overall departmental capabilities in data analysis.
 - Contributions improved team's output significantly during conferences enhancing both participation interest and general awareness.

LEADERSHIP & AWARDS

- Dean's List, Yale University (2024, 2025)
- First Place, University Data Science Hackathon (2025)

CERTIFICATIONS

- Google Data Analytics Professional Certificate 📅 2025
- IBM Data Science Professional Certificate 📅 2025

PROFESSIONAL AFFILIATIONS

- Member, Data Science Society (2023 – Present)
- Volunteer, Local Community Coding Bootcamp (2024)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST