Lucas Munoz

Data Science Intern

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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

LANGUAGES

English — Native

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.
- Utilized R for sophisticated data analyses enabling predictive reporting that informed stakeholder decision-making.

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)

- 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