

Luka Berg

Entry-Level Data Scientist

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 Nashville, TN 37209

STRENGTHS

-  **Analytical Mindset**
Quickly identifies trends within large datasets, effectively bridging gaps between data and actionable strategies.
-  **Team Collaboration**
Frequently consulted by peers for insights, helping balance team dynamics while driving collective success.
-  **Adaptable Learner**
Embraced new methodologies swiftly, showing eagerness to keep pace with innovations in data science.
-  **Effective Communication**
Skilled at translating technical findings into clear presentations, fostering greater understanding among stakeholders.
-  **Problem Solving**
Approaches challenges creatively, finding effective solutions that enhance workflow sustainability.

SKILLS

<u>Python</u>	<u>R</u>	<u>Tableau</u>	<u>Power BI</u>
<u>Data Analysis</u>	<u>Machine Learning</u>		
<u>Data Visualization</u>	<u>Communication</u>		
	<u>Problem Solving</u>		
<u>Statistical Methods</u>	<u>Data Cleaning</u>		
	<u>Predictive Modeling</u>		
<u>Research Skills</u>	<u>Collaboration</u>		
	<u>Presentation Skills</u>		

LANGUAGES

English	Native
Spanish	Intermediate

SUMMARY

A dedicated and analytical data enthusiast with a Bachelor's in Data Science. Experienced using Python and R for data analysis, delivering insightful models and algorithms. Collaborated effectively with cross-functional teams, integrating data insights to shape strategic decisions. Strong problem-solving abilities have led to the successful identification of trends from complex datasets. A continuous learner ready to adapt in an innovative environment, combining excellent communication skills with technical expertise.

EDUCATION

Bachelor of Science in Data Science

University of Tennessee  GPA: 3.8  2026  Knoxville, TN

Coursework: Data Analysis, Machine Learning, Programming, Statistics

TECHNICAL SKILLS

- **Programming Languages:** Python, R
- **Visualization Tools:** Tableau, Power BI
- **Data Management:** SQL, Excel, CSV Processing
- **Modeling Techniques:** Linear Regression, Decision Trees, Clustering
- **Development Methodologies:** Agile, Waterfall, Lean
- **Software Platforms:** GitHub, Jupyter Notebook, Anaconda
- **Statistical Analysis:** Hypothesis Testing, ANOVA, Regression Analysis
- **Project Management Tools:** JIRA, Trello, Asana
- **API Integration:** RESTful APIs, JSON Handling
- **Cloud Technologies:** AWS, Google Cloud Platform, Microsoft Azure

EXPERIENCE

Data Science Intern

University Research Lab  June 2025 - August 2026  Knoxville, TN

- Supported data-driven projects by conducting thorough data collection and cleaning, enhancing ongoing research methodologies. Contributed actively in modeling to support critical project outcomes.
- Collaborated with researchers to gather data, ensuring accuracy and relevancy for diverse projects.
 - Performed data analysis using Python, identifying key trends that supported strategic decisions.
 - Developed predictive models under supervision, achieving improved accuracy in outcomes.
 - Created infographics and comprehensive reports to present findings, aiding stakeholder understanding.
 - Utilized visualization tools like Tableau and Power BI to present detailed data results clearly.
 - Remained informed on industry trends to incorporate advanced methodologies into practices.

Capstone Project Developer

- Academic Research Project  September 2024 - May 2025  Chattanooga, TN
- Spearheaded a capstone project focused on predicting housing prices, utilizing machine learning algorithms effectively to derive actionable insights. Ensured thorough documentation of processes for future reference.
- Designed and executed a capstone project, honing skills in machine learning applied to real-world scenarios.
 - Conducted extensive data preparation through cleaning and preprocessing for model training.
 - Teamed up with peers to iterate on model designs, continuously refining accuracy via testing.
 - Presented final findings to faculty, receiving commendations for clarity and analytical depth.
 - Integrated visual tools to enhance presentation quality, making substantial data accessible.

MY CAREER



- Data Science Intern at University Research Lab (1.2 Years)
- Capstone Project Developer at Academic Research Project (8 Months)

- Documented and reported on methodologies, contributing to comprehensive project deliverables.

LEADERSHIP & AWARDS

- Dean's List, University of Tennessee, 2025
- Best Capstone Project Award, University of Tennessee, 2025

CERTIFICATIONS

- Python for Data Science 📅 2025
- Data Visualization with Tableau 📅 2025

PROFESSIONAL AFFILIATIONS

- Member, Data Science Society, University of Tennessee
- Participant, Annual Hackathon, University of Tennessee, 2025

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST