

Luka Berg

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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
Coursework: Data Analysis, Machine Learning, Programming, Statistics

2026
Knoxville, TN

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

SKILLS

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|------------|----------------------|-----------------------|-----------------------|
| • Python | • Data Analysis | • Problem Solving | • Research Skills |
| • R | • Machine Learning | • Statistical Methods | • Collaboration |
| • Tableau | • Data Visualization | • Data Cleaning | • Presentation Skills |
| • Power BI | • Communication | • Predictive Modeling | |

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.
- 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

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST