Alexander Lori

Bristol, CT | alexanderlr43@gmail.com | (860) 874-7568 | https://alexlr982.github.io/porfolio/ |
https://www.linkedin.com/in/alexander-lori-7a3159223/

Professional Summary

Data Science master's student with hands-on experience in investment research and data projects. Skilled in statistical modeling, NLP, machine learning, and data visualization. Proficient in Python, SQL, and R, with a proven ability to derive actionable insights from complex datasets.

Technical Skills

Python, R, SQL, Excel, Google Suite | Machine Learning (XGBoost, Random Forest), NLP (Sentiment, Topic Modeling), Clustering, Predictive Modeling | Data Acquisition, Cleaning, Visualization (matplotlib, seaborn)

Projects

Steam Review Playtime Prediction (Capstone, 2025) – Built NLP + ML pipeline on 60k reviews; clustering & regression (XGBoost R^2=0.70) predicted playtime trends.

IMDb Sentiment Analysis (Course Project, 2023) – Analyzed 50k reviews with TF-IDF & topic modeling; SVM/Naive Bayes models achieved ~90% accuracy.

Finance & Investment Research (Internship, 2022) – Extracted SEC/market data, built portfolios & forecasts, presented in weekly research reviews.

Experience

Long-Term Substitute Teacher – 7th Grade Science – Bristol Public Schools (Feb–Jun 2025): Delivered NGSS instruction to 85 students; designed labs & assessments; applied data-driven evaluations.

Investment Research Intern – AIDVP (Summer 2022): Collected/analyzed SEC filings; built investment models; presented findings in reviews.

Education

M.S. Data Science (Expected Fall 2025) – Central Connecticut State University – Coursework: ML, NLP, Data Science Fundamentals; Capstone: Steam review NLP+ML pipeline.

B.S. Physics (Astrophysics, 2021) – University of Connecticut – Award for Excellence in Physics (2018); Coursework: Statistical Mechanics, Computational Physics, Complex Systems.