

SRIHARI SRINIVASAN

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🌐 [Srihari Srinivasan](#)

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Education

University of Colorado at Boulder

Bachelor of Arts in Statistics and Data Science

Aug 2021 – May 2025

GPA: 3.6/4.0

Experience

Quadwave Consulting

Solutions Developer Intern

May 2024 – September 2024

Bengaluru, India

- Developed and deployed ML models to categorize application error reports for easier consumption by Operations teams, reducing triaging times by 35%
- Built GenAI solutions using open source LLama models to better categorize error reports and further enhanced them with prompt engineering, achieving a 85% accuracy vs 70% from traditional ML approaches

Pacific Gas And Electric (PG&E)

Portfolio Management Data Analyst Intern

May 2024 – August 2024

Oakland, CA

- Built an ETL pipeline to automate extraction and transformation of energy broker quotes from disparate data sources and consolidated them into internal databases for easy consumption, cutting down process times from weeks to daily
- Created Real-Time PowerBI reports to monitor and analyze energy price trends, providing insights for traders to optimize bidding and selling strategies
- Developed documentation to centralize Python and SQL scripts, PowerBI reports, and energy market information, improving knowledge sharing across the team

CU Boulder Alumni Services

Data Management Specialist

May 2024 – May 2025

Boulder, Colorado

- Generated reports and dashboards to track alumni engagement metrics, and collaborated with the Alumni Association team to analyze trends and provide actionable insights for improving outreach efforts
- Supported alumni relations initiatives by providing data-driven insights for events, reunions, and other engagement activities, and collaborated with campus departments and stakeholders to address data-related needs and inquiries

Projects

Bitcoin Price Forecasting | *Python, SQL*

April 2022 – May 2025

- Collaborated with Dr. Osita Onyejekwe on this ongoing publication from 2022 till 2025
- Extracted price data from YahooFinance and used API to retrieve Reddit data from 2014 to 2024
- Applied sentiment analysis techniques to Twitter data to gauge public sentiment and market sentiment around Bitcoin
- Developed multiple neural network architectures to accurately predict short-term and long-term Bitcoin price trends, aiding in investment decision-making

Origins Fantasy App | *Python, Flask, React*

December 2024 – May 2024

- Refactored and modularized a Python application by implementing an object-oriented design, separating core functionalities such as Google API integration, data processing, and image OCR into distinct classes
- Developed an OCR-powered payment verification system using Tesseract to extract and validate Venmo transaction details from uploaded images, ensuring secure and accurate contest payouts

Technical Skills

Languages: Python, SQL, R, Scala, Microsoft Suite

Developer/Reporting Tools: VS Code, RStudio, Jupyter Notebook, Spyder, Power BI, Tableau, Github, AWS (Sagemaker, S3, ECR), Spark, Hive, Hadoop

Technologies: pandas, NumPy, Sckit-Learn, Matplotlib, SciPy, TensorFlow, PyTorch, extract-msg, tkinter, llama_index, qdrant

Databases: MySQL, SQL Server, Oracle