Name: Jordan Physics

Title: Data Scientist / Researcher

Summary Analytical Physics graduate with a Master's degree and a strong background in numerical simulation and data analysis. Proficient in Python and C++ with experience handling large data sets. Skilled in solving complex real-world challenges through mathematical modeling. Excellent written communication skills developed through academic publishing. Eager to apply quantitative skills to the financial industry.

Education

- **Master of Science in Theoretical Physics** | Georgia Tech (Graduated: Dec 2023)
- **Bachelor of Science in Engineering** | Georgia Tech

Experience Graduate Research Assistant | Georgia Tech Physics Lab | *Aug 2022 – Dec 2023*

- Developed complex simulation models to analyze particle collision data using Python and C++.
- Managed large data sets (Terabytes) and optimized code for faster processing times.
- Authored two peer-reviewed technical papers explaining research methodologies and statistical findings.
- Presented complex quantitative data to non-technical audiences at university symposiums.

Projects Machine Learning for Image Recognition

- Created a neural network using Python (PyTorch) to classify image data.
- (Note: This shows coding skill, but uses ML techniques rather than the "Linear/Logistic/Time Series" requested in the JD).

Skills

- **Programming:** Python, C++, MATLAB, Linux.
- **Math:** Calculus, Linear Algebra, Monte Carlo Simulations, Numerical Methods.
- **Soft Skills:** Research, Problem Solving, Academic Writing.