

Aayush Shrestha

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Dear Hiring Manager,

I am writing to express my interest in the Data Analyst position at Clearwater Analytics. As a Computer Science and Mathematics student at the College of Idaho with a strong background in programming, data handling, and analytical problem-solving, I am excited about the opportunity to contribute to your team's mission of revolutionizing investment accounting and analytics.

My technical proficiency aligns well with your requirements, particularly in data manipulation and analysis. I not only have theoretical knowledge in topics like Statistical Machine Learning and Probability but also project experience like with 'trAlde', an AI-powered trading tool. With this, I demonstrated my ability to work with complex datasets to improve decision-making accuracy by around 25%. This project required implementing real-time calculations using Python and Dash, along with the NumPy and Pandas libraries—skills directly transferable to developing and maintaining the KPI dashboards and reports mentioned in your job description.

My work as a Network Engineer Intern at St. Luke's Health System has also given me valuable experience in documentation and optimization of technical systems. In this role, I also worked frequently with SQL and Splunk which are essential tools in data analysis. My experience with constant methodical approach to problem-solving will serve me well in ensuring data accuracy and integrity in your financial reporting systems.

In my other role as a Learning Coach, I developed strong communication and presentation skills while conducting workshops and providing one-on-one support. This experience has honed my ability to present complex technical information in an accessible manner which I understand is an essential when presenting findings and recommendations to stakeholders at Clearwater Analytics.

Beyond the required qualifications, I bring expertise in the tidyverse and tidymodels ecosystems within R, strong SQL knowledge (as evidenced by my HackerRank certification), and proven proficiency with Git through collaborative project development like the 'Senate Voting System'. My mathematical background also provides me with a solid foundation in statistical inference and modeling techniques essential for identifying meaningful patterns in financial data.

I am particularly drawn to Clearwater Analytics because of your commitment to transparency and innovation in financial reporting. As someone who values precision and clarity in data presentation, I am excited about the prospect of contributing to solutions that help clients achieve greater financial insight.

I would welcome the opportunity to discuss how my technical skills, analytical mindset, and communication abilities could benefit your team. Thank you for considering my application.

Sincerely,

Aayush Shrestha