

6th August, 2024

Dear Recruiting Team,

I am writing to express my enthusiastic interest in the Quantitative Analyst position as advertised by Affirm. I have recently completed my Master's in Computer Science from Memorial University of Newfoundland and am currently working as a Data Scientist for Instrumar Limited.

I am deeply passionate about the world of data science and AI. What sets me apart is my strong foundation in mathematics, statistics, and programming, acquired through my Master's research at Memorial University. I have enriched my skills in Python, where I have worked with libraries such as Pandas, NumPy, Matplotlib, scikit-learn, keras, tensorflow and many more. I am also familiar with SQL and have experience with data manipulation. I am a recipient of MITACS Accelerate, grant, where my research collaborated with an Industry named Instrumar in St John's, NL, Canada. Over the course of my graduate program, I had the opportunity and experience of working in an industrial environment as a Data Science intern and contributing to the practical applications in the manufacturing industry. During my internship at Instrumar, I worked with and analyzed real-life manufacturing time series data and provided insights to clients and businesses through visualizations and analytics. I also developed machine learning models and pipelines for reducing data annotation cost and classifying defects in the manufacturing process for Instrumar Limited. I also possess knowledge of different machine learning methodologies for classification, regression, detection, and prediction, and I am eager to explore this vastly growing field further.

My experience aligns well with the responsibilities of the role for Affirm. My extensive work with large-scale datasets, developing machine learning models, automating pipelines, and optimizing manufacturing processes has equipped me to improve efficiency for business, specifically in the context of handling customer requirements. I have strong skills in data exploration, feature engineering, model development and performance interpretability, which enable me to make data-driven decisions. Additionally, my experience and ability to collaborate with cross-functional teams will help me to contribute to a greater extent. I am a quick learner and an effective team player, confident in my ability to meet goals and adapt to new challenges.

My resume and website are attached, with further details about my qualifications, skills and projects. I would be very grateful for the opportunity to talk more about my passion for data and analytics and how I can contribute to the team. Please feel free to contact me to schedule an interview.

Sincerely,
Shemonto

Website - <https://shemontodas.com>