

# Cover Letter

Dear HR/TL/Manager,

With this letter, let me express my interest to apply for the role as a Data Scientist in your organization and share my passion for the same. I am a PhD graduate in physics and I have gained valuable experience in experimental research through my analytical research work at the Large Hadron Collider (CERN, Geneva) and Relativistic Heavy-Ion Collider (BNL, USA). While my background is in Physics, I believe the skills and mindset I have developed during my time in quantitative physics make me an excellent candidate for this role.

In my work as a physicist, I have developed a strong analytical mindset and a keen attention to detail. I have spent countless hours analysing data to extract meaningful insights and draw conclusions, skills that are directly applicable to the industry. I understand the importance of accuracy and precision when dealing with data, and I know how to work effectively under pressure to meet tight deadlines. Additionally, my experience collaborating with researchers from diverse backgrounds has taught me the value of teamwork and effective communication.

My research work has been completely computational and quantitative in nature where I was engaged in developing algorithms for analysing very large volume of data starting from cleaning it to inferring messages from the same. I have also engaged myself additionally in learning industry ready skillsets and have been taking courses in the likes of Predictive Modelling, Python, Machine Learning, Applied Data Science and various data analysis and visualization tools. Currently, apart from working as a Machine Learning Engineer Intern, I have been pursuing one semester certificate course on Predictive Analytics from the reputed IIM, Bangalore and Applied Data Science course from the World Quant University, USA to hone my arsenal of skillset further and apply it more efficiently. I am eager to learn and to bring my unique perspective to the table. I am confident that my 9+ years of experience of quantitative analysis in large scale experimental Physics has prepared me well for the challenges and opportunities that lie ahead.

I would like to add that I am aware about the reputation of this organization and I would love to learn from the same and begin my journey in the industry. I would also like to add that I am available to join immediately.

I look forward to hear from you. Thanking you for your time.

With my best regards,  
Dr. Rathijit Biswas  
Kolkata – 65  
India