

Dear Hiring Manager,

I am writing this letter to offer my candidacy for the position of Quantitative Developer at Tower Research Capital, India. The firm has a world-class reputation in the field of Finance and Technology. Looking at the requirements for this role, I believe that I would be a perfect fit for this role. I am a Final Year Undergraduate student currently pursuing my B. Tech degree in Electrical Engineering from reputed IIT Bhubaneswar.

I am a highly qualified person with proficiency in Data Structures and Algorithms and the ability to code in C, C++, Python. I know about Machine Learning, Deep Learning, Linear Algebra, Probability and Statistics. I have an immense interest in Machine Learning both from a theoretical as well as applied point of view. My professional experience includes developing and implementing complex Machine Learning models using various libraries like Scikit-Learn, TensorFlow, etc. I also have experience in translating Machine Learning models from literature to real-world applications.

During the summer of 2021 (May 2021-July 2021), I worked as Deep Learning Research Intern at Tata Research Development and Design Centre (Pune), where I worked on developing a Real-time Human-Computer Interaction System using Hand Gesture. To complete this project, I created a dataset according to the use case provided to me. Two weeks before the end of the internship I delivered to the organization a real-time, low-latency, lightweight deep learning model which detects and recognizes hand gestures in a real-time video stream with high precision and accuracy.

If there is any further information you require, please do not hesitate to connect with me. Thank you for your time and consideration and I look forward to hearing from you soon.

Sincerely

Punit Kumar Ojha