

# Letter of Recommendation

January 25<sup>th</sup>, 2025

To the Selection Committee,

I am pleased to earnestly recommend Apoorv Patel for your esteemed internship program.

I had the opportunity to have Apoorv as a student for the courses on Fundamentals of Machine Learning and Computer Vision as part of his undergraduate studies in Computer Science and Engineering.

Over the span of more than a year, I have had the privilege of observing his academic growth, extensive abilities and dedication to achieving excellence in the field of Artificial Intelligence. In this period, Apoorv has portrayed admirable qualities such as swift learning and deep understanding, advanced and diverse applications and effective collaboration while leading others.

During his studies, he arrived diligently prepared with substantial knowledge of the subjects. He has shown immense zeal for understanding concepts at their foundational level. His sharp intellect has been evidenced by his prompt and accurate solutions to problems of linear algebra and calculus pertaining to Artificial Intelligence and Machine Learning. He has consistently exhibited exceptional inquisitive skills whenever he has strived to grasp concepts from heuristics intuition, optimization algorithms, image processing techniques, Mathematical principles and formulations, etc. in greater depth. His ability to discern latent ideas within statements and statistics reflects his high natural perception and curiosity.

His interpersonal capabilities have shined in circumstances like his project presentation. He demonstrated professionalism, consideration and direction as he led his team to present their work on recommendation system. He thoughtfully assisted his peers when presenting and articulately explained the underlying concepts. A level of great insight and reflection was visible through his academic report on the same.

During the time when I was not actively teaching or supervising him in an intermediate semester, he still performed remarkably. His efforts culminated in outstanding research on comparative analysis of architectures and techniques for abstractive summarization, which he showcased to me eventually. His excellence continued even beyond classes as he led teams in Artificial Intelligence and Robotics competitions, namely MEDHA and e-Yantra 2024 and produced impressive works on X-ray disease detection and self-balancing robot simulation. These achievements, even without my direct involvement, reaffirmed the qualities I have observed in him.

He possesses a polite personality and engages with people respectfully, presents his imaginative ideas with confidence and accepts corrections with humility. These attributes, along with his resolve, optimism and distinction, solidify him as a remarkable individual with unlimited potential.

I am confident without reservation that Apoorv will be an excellent fit for the internship program provided by the organization. With his knowledge, creativity, sincerity and interactive prowess, he will be able to flourish in your program and will add significant contributions.

Should you wish to discuss Apoorv further, please feel free to contact me at +91 62610 85696 or via email at dhanpratapsingh@gmail.com.

Sincerely,



Dr. Dhanpratap Singh

Associate Professor, Computer Science

Lovely Professional University

Phagwara, Punjab 144411, India