

COVER LETTER

Dear Hiring Manager,

I am writing to express my strong interest in the Software Engineer (Machine Learning) position at your esteemed organization. As a highly motivated and dedicated student with a passion for artificial intelligence, I am eager to contribute to your team and gain valuable industry experience in the field.

Recently I completed my Bachelor's degree in Computer Science with a specialization in Artificial Intelligence, I have developed a strong foundation in AI concepts, algorithms, and programming languages. Through coursework and hands-on projects, I have gained practical experience in machine learning, deep learning, natural language processing, and data analysis. I have also had the opportunity to work with popular AI frameworks such as TensorFlow and PyTorch.

What truly excites me about AI is its potential to solve complex problems and drive innovation across industries. During my studies, I have actively engaged in research projects, where I have had the chance to apply AI techniques to tackle real-world challenges. In my academic thesis, I developed a semi-autonomous wheelchair system that can detect real-time objects by using a webcam. This is an Arduino-based wheelchair control with a hand gesture and simulated with Proteus. I used YOLOv7 for object detection and integrated it with Raspberry Pi.

Beyond my technical qualifications, I am highly organized, and detail-oriented, and possess excellent analytical skills. I have a strong aptitude for learning and adapting to new technologies and methodologies. I am confident in my ability to quickly grasp new concepts and contribute effectively to your team's projects.

Moreover, I am excited about the opportunity to learn from seasoned professionals in the industry and gain firsthand experience in developing AI solutions. I believe that an internship at your organization will provide me with invaluable insights into industry best practices, and I am eager to contribute my skills and enthusiasm to support your team's objectives.

Thank you for considering my application for the AI internship position. I am available for an interview at your convenience to discuss how my qualifications align with your requirements. I am confident that my passion for AI, combined with my technical skills and strong work ethic, make me an ideal candidate for this opportunity.

Sincerely,
Faysal Miah