

Letter of Motivation

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To the Summer@EPFL Selection Committee,

I am writing to express my strong motivation to participate in the **Summer@EPFL Internship Program 2025**. As a **third-year undergraduate student in Computer Science and Engineering** at Gandhi Institute of Technology and Management, India, I am deeply passionate about **Artificial Intelligence and Machine Learning**, and I aspire to explore advanced research environments where innovation meets impact — an ethos I strongly associate with EPFL.

Throughout my academic journey, I have built a solid foundation in programming, data structures, algorithms, and mathematics. I have been particularly fascinated by how intelligent systems can learn from data to make autonomous decisions. This curiosity led me to work on projects such as a **Smart Parking Lot System** integrating sensors, computer vision, and online payment modules, as well as an **LLM-based Document Processing System** using FastAPI, Pinecone, and Gemini LLM for unstructured data retrieval. These projects deepened my understanding of how applied AI can enhance real-world problem-solving.

EPFL's interdisciplinary approach and global reputation for cutting-edge AI research make it the ideal place for me to gain first-hand experience in innovative methodologies and computational thinking. I am especially excited by the possibility of contributing to ongoing projects under experienced mentors in the fields of **AI/ML, Natural Language Processing, and Computer Vision**. I believe this internship would refine my research orientation and provide the opportunity to interact with a diverse community of scholars who share the same enthusiasm for technology-driven innovation.

As an aspiring researcher, I see this internship not just as a learning opportunity, but as a platform to contribute meaningfully to the ongoing scientific dialogue at EPFL. I am confident that the technical knowledge, adaptability, and collaborative mindset I bring will allow me to make the most of this opportunity. Moreover, I hope to carry forward EPFL's spirit of excellence into my future academic and professional endeavors, particularly in the area of **AI-driven intelligent systems**.

Thank you very much for considering my application. I look forward to the possibility of joining EPFL this summer and contributing to its vibrant research environment.

Warm regards,

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