Dear Professor SAITO, Hideo- sensei,

I hope this email finds you well. My name is Krish Bakshi, and I am writing to express my strong interest in contributing to the research in Computer Vision, Vision Based Sensing and Recognition, Virtual Reality and Augmented Reality, Human Behavior Sensing/Recognition and its Applications at your Hyper Vision Research Laboratory and applying for the master’s program at Keio University for the Fall/September 2025 intake.

Your work in the lab focuses mainly focuses on computer vision research and particularly your publications in “EventPointMesh: Human Mesh Recovery Solely from Event Point Clouds” and “Multi-Layer Scene Representation from Composed Focal Stacks” deeply resonates with my academic pursuits and career aspirations.

I am currently pursuing a bachelor's degree in computer engineering at Savitribai Phule Pune University, where I have built a solid foundation in machine learning, robotics, and computational modeling, maintaining a strong academic record of 8.5 CGPA. My academic coursework in Probability and Statistics and Machine Learning has equipped me with the skills necessary to address challenges in developing intelligent systems.

During my Data Science Intern role at PROFCESS which is most related to computer vision, as it involved designing an automated image preprocessing and OCR pipeline for tasks like noise reduction, grayscale conversion, and key detail extraction, which are key aspects of computer vision applications. Furthermore, my project “The Potato Disease Classification Using CNN” is related to computer vision, as it involves developing a CNN-based model for plant disease detection using image processing techniques with OpenCV, TensorFlow, and CUDA. The project focuses on classifying images of potato plants into different disease categories. These highlights demonstrate my expertise in computer vision, including image preprocessing, OCR, and CNN-based image classification for tasks like plant disease detection.

Additionally, my practical AI with Python certification reflects my commitment to deepening my AI and deep learning knowledge, while my JLPT N3 proficiency enables effective collaboration in Japanese academic and research settings.

What excites me about Hyper Vision Research laboratory is its innovative focus on computer vision research, from foundational theories to applications like image recognition, understanding, broadcast imaging technology, and augmented reality, strongly aligns with my passion for computer vision. I am particularly excited about the opportunity to explore and contribute to these cutting-edge areas, as they directly reflect my academic and professional aspirations in advancing the field of computer vision.

I am excited to contribute my expertise in Python, TensorFlow, PyTorch, and robotics systems to your lab, and would be honored to discuss how my skills and experiences align with your lab's objectives and support its ongoing research.

Thank you for considering my application, and I look forward to the opportunity to collaborate with you on your innovative work.

Sincerely,

Krish Bakshi