Dear Jun Sakuma-sensei,

I hope you're well. My name is Krish Bakshi, and I am writing to express my sincere interest in contributing to the impactful and innovative research being undertaken at your laboratory. Your work in computer science has significantly motivated me and corresponds perfectly with my academic background and career goals.

Your pioneering work in Artificial Intelligence Security & Privacy Preservation, as well as your accomplishments such as "semi-targeted model poisoning on federated learning, improving the recall of a specific class without sacrificing accuracy," demonstrates your leadership and commitment to advancing Artificial Intelligence. I am particularly fascinated to your work in Artificial Intelligence because it seems so similar to my experience at ImaginAIry.

I am currently pursuing a Bachelor of Computer Engineering at Savitri Bai Phule Pune University, with a focus on Machine Learning, and have a GPA of 8.50. With a solid background in Python, GenAI, and Text-to-Image, I have worked on projects like PulseMate, an AI-powered cardiology chatbot, and Time Series Forecasting for Future Sales, where I used XGBoost and PySpark to build scalable forecasting models. During my RPA internship, I led automation initiatives that increased job efficiency by 30%, which is consistent with the ideas of optimization and automation demonstrated in your research on Deep Reinforcement Learning Frameworks for Job Shop Scheduling. These projects and internship have given me practical experience in deep learning, natural language processing, and predictive analytics, all of which are closely related to your lab's research on AI-driven solutions and machine learning.

In addition, my Practical AI with Python certification demonstrates my continued commitment to expanding my knowledge of AI and machine learning. Furthermore, my Japanese proficiency (JLPT N3) qualifies me as a good candidate to fit effortlessly into your research environment and collaborate well in a Japanese academic setting.

What interests me the most about your lab is the development of fundamental security and privacy technologies required for proper utilization of AI in society. I believe that my knowledge in Machine Learning, Deep Learning, and NLP, together with my enthusiasm for applying technology to real-world problems, will enable me to contribute effectively to your ongoing projects.

I am excited to join your team and contribute to your laboratory's ground-breaking research. I have attached my resume for your review, and I would be delighted to discuss my qualifications and potential contributions further.

Thank you for considering my application. I am excited about the opportunity to work with and learn from you.

With Regards,

**Krish Bakshi**