Dear Zhao Qiangfu- sensei,

I hope you are doing well. My name is Krish Bakshi, and I am writing to convey my strong interest in joining your research group and applying to the Master’s program at the University of Aizu for the Fall/September 2025 intake. Your pioneering work in machine‑learning‑based automatic morphing, the development of compact, high‑performance awareness agents, and advancements in steganography, user authentication, and brain modeling greatly inspire me and align closely with my academic goals.

I am currently completing a Bachelor of Computer Engineering at Savitribai Phule Pune University, with graduation expected in June 2025. Throughout my undergraduate studies, I have built a robust foundation in machine learning, deep learning, and computational modeling, reflected in my 8.5 CGPA and relevant coursework in Probability & Statistics and Machine Learning.

As a Data Science Intern at Profcess, I designed and deployed scalable data pipelines on Azure Databricks and developed predictive models—including XGBoost and SARIMA—that significantly improved forecasting accuracy. My project portfolio includes PulseMate, an AI‑driven cardiology chatbot leveraging fine‑tuned LLMs for medical diagnosis, and ImaginAIry, a text‑to‑image generation application using Stable Diffusion XL. These experiences have sharpened my proficiency with Python, TensorFlow, PyTorch, and graph‑based learning frameworks—skills directly applicable to your research on neural‑symbolic integration and noise‑robust graph neural networks.

In addition, my Practical AI with Python certification underscores my commitment to deepening my expertise in artificial intelligence, while my Japanese proficiency (JLPT N3) ensures I can integrate seamlessly into a Japanese academic environment and collaborate effectively with your team.

I am particularly excited by your publication “Inducing high performance and compact neural networks based on decision boundary making” and your work on awareness‑driven self‑diagnosis systems. Under your mentorship, I aspire to contribute to the development of innovative, explainable AI frameworks and advance research in morphing and awareness science.

Thank you very much for considering my application. I would be honored to discuss how my background and research interests can support your lab’s objectives and contribute to its ongoing success.

**Best regards,**

Krish Bakshi