Dear Professor SAMPE Takeaki – sensei,

I hope this email finds you well.

I am Krish Bakshi, currently pursuing my Bachelor’s degree in Computer Engineering at Savitribai Phule Pune University, India, expected to graduate in June 2025. I am writing to express my keen interest in contributing to your research lab and applying for the Master’s program at the University of Aizu for the Fall/September 2025 intake, under your esteemed guidance.

I am deeply impressed by your extensive work in economic Statistical science, High performance computing, Computational science, Meteorology and Climate Dynamics. Your current research themes— Numerical simulation of atmospheric phenomena, Analysis of Meteorological Data —resonate strongly with my academic interests and professional aspirations.

In my academic and professional experiences, I have developed robust technical skills in Python, SQL, C/C++, and a variety of data science frameworks including PySpark, Pandas, TensorFlow, and PyTorch. As a Data Science Intern at Profcess, I contributed to designing scalable data pipelines and implementing predictive models, which has honed my ability to extract actionable insights from large datasets. My hands-on experience with big data analytics, coupled with my keen interest in innovative service composition and data mining techniques, makes me excited about the possibility of contributing to your research projects.

I am particularly inspired by your work in high-performance computing, and your impactful publications. I believe that my technical expertise and academic background will allow me to contribute meaningfully to your lab’s ongoing research while also expanding my own knowledge and skills in this cutting-edge field.

Beyond my technical abilities, my proficiency in English and intermediate Japanese (JLPT N3) enables me to collaborate effectively in a multicultural and interdisciplinary environment.

It would be a privilege to contribute to your innovative research and further develop my skills under your mentorship. I am also eager to understand your expectations for prospective Master’s students and gain insights into the application process.

I have attached my resume for your review. I would greatly appreciate the opportunity to discuss my application and potential research contributions with you. Thank you for your time and consideration.

Sincerely,

Krish Bakshi