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TO WHOME IT MAY CONCERN

Herewith I confirm that Mr. Suryaansh Rathinam (Registration no. -200905288), an undergraduate student at Department of Computer Science, Manipal Institute of Technology, successfully undertook an online internship with the Medical Imaging and Theragnostic Lab, IIT Kharagpur. The period of the internship was from June 6, 2023 to August 27, 2023.

The topic of the internship was entitled "Image Segmentation and Analysis of Ultrasound of Mouse Kidney using CNN." During his internship, Mr. Rathinam contributed to a project focused on preprocessing the dataset of ultrasound images and segmenting the renal structures of a mouse. He explored deep learning-based solutions to effectively solve the problem presented.

I am confident that Mr. Rathinam's dedication, inquisitiveness, and positive attitude will make him anasset to any organization in his future endeavors.

Please feel free to contact me if you have any further questions.

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को. शुभागय मंद्रला/Dr. Subhamoy Manda सहायक प्राच्यापक/Assistant Professor आयुर्विज्ञान एवं प्रोक्कोनिको स्कूरन School of Medical Science and Technology शास्त्रीय प्रोद्योगिको संस्थान स्कृणहर Indian Institute of Technology Kharagour

Subhamoy Mandal, PhD, SMIEEE