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Date: November 17, 2020

CERTIFICATE

This is to certify that Swapnil Mallick, a 4th year undergraduate student of the Department of Computer Science and Engineering, IEM, Kolkata has done an internship during 12th July, 2019 to 15th May, 2020 under the undersigned faculty of the Computer Vision and Pattern Recognition Unit, Indian Statistical Institute, Kolkata. Mr. Mallick studied various deep architectures and implemented several related codes in Python language towards the same. Mr. Mallick is intelligent, sincere and hard working. I wish him all success.

(Ujjwal Bhattacharya)
Associate Professor
CVPR Unit, ISI, Kolkata