

Train Dataloader - 176
Test Dataloader - 45

Device Used - cuda

Model Used - CNN_3D
Feature Extraction - False
Data Augmentation - False
Spatial Temporal Loss - False

Window Length = 8
Stride = 1
Fair Comparison = True
Dropout = 0.25
Learning Rate = 0.0002
Num Epochs = 20
Chunk Size = 64
Forward Chunk Size = 8
Loss Fn = BCELoss()

Training has Begun
epoch [1/20], loss:0.4026
epoch [2/20], loss:0.1588
epoch [3/20], loss:0.1597
epoch [4/20], loss:0.1504
epoch [5/20], loss:0.1297
epoch [6/20], loss:0.1075
epoch [7/20], loss:0.0985
epoch [8/20], loss:0.0925
epoch [9/20], loss:0.0896
epoch [10/20], loss:0.0894
epoch [11/20], loss:0.0976
epoch [12/20], loss:0.0989
epoch [13/20], loss:0.0910
epoch [14/20], loss:0.0876
epoch [15/20], loss:0.0888
epoch [16/20], loss:0.0905
epoch [17/20], loss:0.0884
epoch [18/20], loss:0.0875
epoch [19/20], loss:0.0929
epoch [20/20], loss:0.2066
Training has Completed

Forward pass occurring
Forward pass completed

Thermal_T3_2024-03-22-05-02-50

CNN Performance Results
TPR 0.7816666666666666, FPR 0.048124484748557295, Precision 0.5010683760683761, Recall 0.7816666666666666
tn 9237, fp 467, fn 131, tp 469
