



Train Dataloader - 48

Test Dataloader - 173

Device Used - cuda

Model Used - Base\_3DCAE

Key Frame Extraction - True

Key Frame Extraction Algorithm - BG\_Subtraction

Feature Extraction - True

Background Subtraction - True

Background Subtraction Algorithm - GMG

Data Augmentation - False

Spatial Temporal Loss - False

Frame rate adjusted dataset - 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 = HuberLoss()

Training has Begun

epoch [1/20], loss:10.4239

epoch [2/20], loss:10.4181

epoch [3/20], loss:10.4156

epoch [4/20], loss:10.4144

epoch [5/20], loss:10.4136

epoch [6/20], loss:10.4131

epoch [7/20], loss:10.4126

epoch [8/20], loss:10.4123

epoch [9/20], loss:10.4120

epoch [10/20], loss:10.4118

epoch [11/20], loss:10.4115

epoch [12/20], loss:10.4114

epoch [13/20], loss:10.4112

epoch [14/20], loss:10.4111

epoch [15/20], loss:10.4110

epoch [16/20], loss:10.4109

epoch [17/20], loss:10.4108

epoch [18/20], loss:10.4107

epoch [19/20], loss:10.4106

epoch [20/20], loss:10.4105

Training has Completed

Forward pass occurring

Forward pass completed

Thermal\_T3\_2024-04-05-21-33-25

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STD Global Classification Results

TPR 0.843, FPR 0.413, Precision 0.090, Recall 0.843

tn 11274, fp 7932, fn 147, tp 787

std\_AUROC 0.777

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Mean Global Classification Results  
TPR 0.708, FPR 0.385, Precision 0.082, Recall 0.708  
tn 11815, fp 7391, fn 273, tp 661  
mean_AUROC 0.716  
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[illegible]

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c:\Users\abdul\anaconda3\envs\fyp_base_paper_2\lib\site-packages\sklearn\metrics\_ranking.py:979: UserWarning: No positive class found in y_true, recall is set to one for all thresholds.
  warnings.warn(
d:\Abdul Rasheed NITT\Academics\Eigth Semester\FYP\Implementation\FallDetection\Code\functions.py:250: RuntimeWarning: Mean of empty slice
  final_performance_mean = np.nanmean(video_metrics, axis=0) # get the mean performance across all videos
c:\Users\abdul\anaconda3\envs\fyp_base_paper_2\lib\site-packages\numpy\lib\nanfunctions.py:1670: RuntimeWarning: Degrees of freedom <= 0 for slice.
  var = nanvar(a, axis=axis, dtype=dtype, out=out, ddof=ddof,
```





