

Train Dataloader - 87

Test Dataloader - 180

Device Used - cuda

Model Used - Base\_3DCAE

Key Frame Extraction - False

Feature Extraction - True

Background Subtraction - True

Background Subtraction Algorithm - GMG

Data Augmentation - True

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 = MSELoss()

Training has Begun

epoch [1/20], loss:0.0000

epoch [2/20], loss:0.0000

epoch [3/20], loss:0.0000

epoch [4/20], loss:0.0000

epoch [5/20], loss:0.0000

epoch [6/20], loss:0.0000

epoch [7/20], loss:0.0000

epoch [8/20], loss:0.0000

epoch [9/20], loss:0.0000

epoch [10/20], loss:0.0000

epoch [11/20], loss:0.0000

epoch [12/20], loss:0.0000

epoch [13/20], loss:0.0000

epoch [14/20], loss:0.0000

epoch [15/20], loss:0.0000

epoch [16/20], loss:0.0000

epoch [17/20], loss:0.0000

epoch [18/20], loss:0.0000

epoch [19/20], loss:0.0000

epoch [20/20], loss:0.0000

Training has Completed

Forward pass occurring

Forward pass completed

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STD Global Classification Results

TPR 0.838, FPR 0.194, Precision 0.041, Recall 0.838

tn 381828, fp 91713, fn 753, tp 3892

std\_AUROC 0.889  
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Mean Global Classification Results  
TPR 0.864, FPR 0.216, Precision 0.038, Recall 0.864  
tn 371365, fp 102176, fn 632, tp 4013  
mean_AUROC 0.874  
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c:\Users\abdul\anaconda3\envs\fyp_base_paper_2\lib\site-packages\sklearn\metrics\_ranking.  
py:1132: UndefinedMetricWarning: No positive samples in y_true, true positive value should  
be meaningless  
  warnings.warn(  
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 thres  
holds.  
  warnings.warn(  
c:\Users\abdul\anaconda3\envs\fyp_base_paper_2\lib\site-packages\sklearn\metrics\_ranking.  
py:1132: UndefinedMetricWarning: No positive samples in y_true, true positive value should  
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py:979: UserWarning: No positive class found in y_true, recall is set to one for all thres  
holds.  
  warnings.warn(  
d:\Abdul Rasheed NITT\Academics\Eighth Semester\FYP\Implementation\FallDetection\Code\funct  
ions.py:302: RuntimeWarning: Mean of empty slice  
  final_performance_mean = np.nanmean(video_metrics, axis=0) # get the mean performance a  
cross all videos  
c:\Users\abdul\anaconda3\envs\fyp_base_paper_2\lib\site-packages\numpy\lib\nanfunctions.p  
y:1670: RuntimeWarning: Degrees of freedom <= 0 for slice.  
  var = nanvar(a, axis=axis, dtype=dtype, out=out, ddof=ddof,
```





