

Train Dataloader - 48

Test Dataloader - 173

Device Used - cuda

Model Used - Base_3DCAE

Feature Extraction - True

Background Subtraction - True

Background Subtraction Algorithm - GMG

Data Augmentation - False

Spatial Temporal Loss - False

Frame rate adjusted dataset - True

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 = L1Loss()

Training has Begun

epoch [1/20], loss:0.0006

epoch [2/20], loss:0.0002

epoch [3/20], loss:0.0001

epoch [4/20], loss:0.0001

epoch [5/20], loss:0.0001

epoch [6/20], loss:0.0001

epoch [7/20], loss:0.0001

epoch [8/20], loss:0.0001

epoch [9/20], loss:0.0001

epoch [10/20], loss:0.0001

epoch [11/20], loss:0.0001

epoch [12/20], loss:0.0001

epoch [13/20], loss:0.0001

epoch [14/20], loss:0.0001

epoch [15/20], loss:0.0001

epoch [16/20], loss:0.0001

epoch [17/20], loss:0.0001

epoch [18/20], loss:0.0001

epoch [19/20], loss:0.0001

epoch [20/20], loss:0.0001

Training has Completed

Forward pass occurring

Forward pass completed

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STD Global Classification Results

TPR 0.860, FPR 0.200, Precision 0.036, Recall 0.860

tn 147139, fp 36889, fn 224, tp 1379

std_AUROC 0.899

Mean Global Classification Results
TPR 0.920, FPR 0.293, Precision 0.027, Recall 0.920
tn 130105, fp 53923, fn 128, tp 1475
mean_AUROC 0.875

```
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 thresholds.
  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 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 thresholds.
  warnings.warn(
d:\Abdul Rasheed NITT\Academics\Eighth 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,
```





