

## ML2022Spring HW8 Bonus Report

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Public Score (Accuracy)	Private Score (Accuracy)
0.87279	0.87572

The methods I used to pass the strong baselines include:

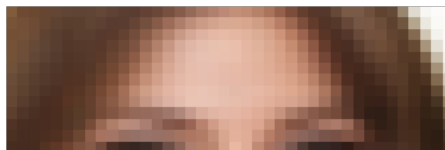
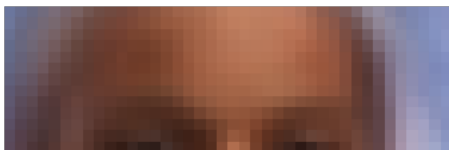
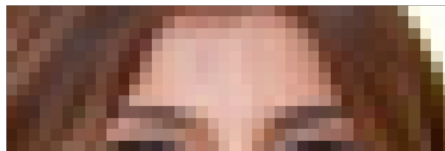
1. Multi-encoder autoencoder with fcn, cnn and resnet18.
2. Cropping while calculating the anomaly score:

Since the autoencoder can't reconstruct the hats, we only have to focus on top of the head. It can also avoid the effects from the background. For example:

Anomaly image



Normal image



Ref : Idea from my classmate