Metrics:

* Accuracy: 0.9187660668380463
* Balanced accuracy: 0.8572542806567957
* Precision: 0.9249167498015526
* Recall: 0.9187660668380463
* F1: 0.9154357019224599

For our “combination”/”all models” stacking experiment we combined the random forest model, xgboost, and bagged/boosted HMM, bagged/boosted CNN, and bagged/boosted LSTM. all hyperparameter fine-tuned, to create a voting model.