Dataset B

CNN output:

[[0.9534548 0.05082959]

[0.6157873 0.40953857]

[0.6145707 0.40029275]

[0.40923643 0.6098145 ]

[0.5971301 0.42159802]

[0.3405339 0.67619073]

[0.8387555 0.17052951]

[0.83608747 0.17684299]

[0.81398726 0.19955856]

[0.2291466 0.77658045]

[0.65469486 0.35867345]

[0.637008 0.38484985]

[0.6282612 0.39136106]

[0.772261 0.23986533]

[0.7051594 0.31061083]

[0.47426254 0.5510502 ]

[0.7451889 0.2715222 ]

[0.64044 0.3742506 ]

[0.7239206 0.2900712 ]

[0.670034 0.34238023]

[0.51981735 0.511512 ]

[0.95240384 0.05192974]

[0.7800813 0.23683193]

[0.51970387 0.4989968 ]

[0.32081407 0.6894923 ]

[0.4851857 0.53788793]

[0.813197 0.20064494]

[0.65319586 0.3740945 ]

[0.6422465 0.37449366]

[0.1544202 0.84504014]

[0.5212649 0.502981 ]

[0.6575794 0.36421937]

[0.8403062 0.17358351]

[0.08017585 0.9091736 ]

[0.10687169 0.8906965 ]

[0.08632547 0.90550566]

[0.7377572 0.274487 ]

[0.07695356 0.90938866]

[0.10294122 0.89131844]

[0.07903367 0.9087526 ]

[0.07124585 0.91566384]

[0.13176471 0.8671176 ]

[0.07583943 0.9128263 ]

[0.07254156 0.91580045]

[0.11932704 0.87807584]

[0.06721601 0.91904724]

[0.08014277 0.90725625]

[0.07751554 0.9121504 ]

[0.07273036 0.9145668 ]

[0.08088893 0.9078257 ]

[0.07067165 0.91671467]

[0.15777391 0.8406633 ]

[0.09343377 0.8979888 ]

[0.07667708 0.91138506]

[0.08125353 0.9090476 ]

[0.14126185 0.8610182 ]

[0.07630494 0.912748 ]

[0.07728294 0.912833 ]

[0.0829632 0.9069327 ]

[0.06547111 0.9217613 ]

[0.07105824 0.9158299 ]

[0.06738287 0.91922235]

[0.91827416 0.08633357]

[0.11219436 0.8872712 ]

[0.0833689 0.9063501 ]

[0.12025874 0.87951034]]

labels

[0 0 0 1 0 1 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 1 1 0 0 0 1 0 0 0 1 1 1 0

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1]

Confusion matrix:

[[26 7]

[ 2 31]]