



2D_CNN, Filter: 8, Stride: 2*2, Kernel size: 9*9

2D_CNN, Filter: 8, Stride: 1*1, Kernel size: 7*7

2D_CNN, Filter: 8, Stride: 1*1, Kernel size: 7*7

2D_CNN, Filter: 16, Stride: 2*2, Kernel size: 5*5

2D_CNN, Filter: 16, Stride: 1*1, Kernel size: 3*3

2D_CNN, Filter: 16, Stride: 1*1, Kernel size: 3*3

Feature
Extracting

Time redistributed

Bi_LSTM Bi_LSTM Bi_LSTM ... Bi_LSTM 64 units

Bi_LSTM Bi_LSTM Bi_LSTM ... Bi_LSTM 64 units

LSTM LSTM LSTM ... LSTM 64 units

Sequence
Learning

128 units

Classification



Batch Normalization
Relue Activation
Dropout