Israel Cohen – 205812290 Hananel Hadad – 313369183

Our Bilstm

We made beautiful bi-lstm model for this task, made of:

- Embedding – dim of 50. Created randomly in a, and in more interesting ways at b c and d.
- Bi-lstm, with two layers and hidden dim 128.
- Dropout, with default value (0.5).
- Linear layer, from 128*2 (because of the two layers) to number of possible labels

Hyper parameters:

Lr = 0.001

Epochs = 5

Optimizer = Adam.

Result accuracy graphs:

All methods gave very similar results, with the d method being the best at NER and POS.