

A Hyperparameters

- **Stopwords** We use Stopwords in the NLTK Corpus

- **Symbols** We remove the following symbols during the tag prediction: [".", ",", ",!", ",", ",?", ",", ",)", ","]

- **GRU Hidden Dimension**: 300 (bidirectional, 0.5 dropout)

- **Attention Key Dimension**: 300

- **Optimizer**: Adam