



Prof. R. Wattenhofer

Applications of Deep Learning in NLP

The field of Natural Language Processing has undergone an extraordinary progress since the introduction of Transformer models in 2017. These models have achieved superhuman performance in most language understanding tasks. This opens up the possibility of applying these state-of-the-art deep learning models in real-life applications such as machine translation, text summarization or medical document understanding, which is the focus of this thesis.



Depending on your interests we can work in different applications of NLP to real-life problems. You are also welcome to bring your own ideas. If this sounds interesting to you do not hesitate to contact us!

Requirements: Knowledge in Deep Learning, or solid background in Machine Learning. Implementation experience with TensorFlow or Pytorch is an advantage as well as knowledge in Natural Language Processing.

Interested? Please contact us for more details!

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