Project Proposal Top-KAST: Top-K Always Sparse Training

Abstract: Highlight what parts of the project are particularly challenging and the main contribution of your assignment

* Group members: Lisa Wimmer, Sven Lorenz, Andreas Klaß
* Already defines the different building blocks that need to be implemented:
  + Block 1: Andi
    - Subblock A: Boi.
  + Block 2: Lisa
  + Block 3: Boi
* Clearly defines what requirements the final code must fulfill
  + E.g.: compatible with package X
  + Needs pretrained BERT-base-cased
  + Works for images
  + Needs Cuda
  + Python 3.7+
  + Language: Pytorch
  + Works with existing architectures from XY
* Must define how the framework can and will be tested.
* What do we start with? Which code parts already exist?
* Particularly challenging parts:
  + Ausführlich!
* Main contribution:
  + We actually wrote the code for the paper
  + reproducibility
  + Could be used as a generic loss function nn.loss(‘my\_new\_loss’)