

Model Card

Model Description

This model is a fine-tuned version of t5-small on cover letter samples scraped from JobHero.

T5-small is the checkpoint with 60 million parameters.

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Model type : Language model

Language : English

Uses:

Direct Use:

The principal use case is to generate a cover letter template.

Limitation:

Maybe the corpus is not big enough to cover all variation of cover letter and jobs.

Training data:

To generate a cover letter, we scraped the site <https://www.jobhero.com/cover-letter/> then we extracted information such as name, job, skills and experiences to train our pre-trained model.

Training procedure:

We trained our model on Google Colab with Tesla T4 GPU with 16Gb of VRAM.

We sampled our data on 1279 training set, 160 validation set and 160 test set.

We used Adam as optimizer with $3e-4$ as learning rate on 15 epochs

Framework

- transformers
- torch
- torchvision
- datasets
- wandb
- pytorch-lightning