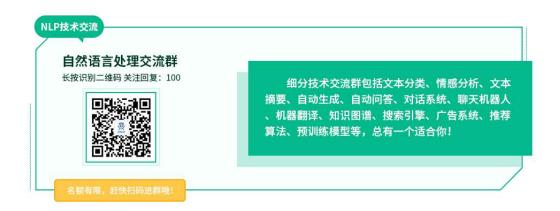
BERT相关论文、文章和代码资 源汇总



BERT最近太火, 蹭个热点, 整理一下相关的资源, 包括Paper, 代码和文章 解读。

- 1、Google官方:
- 1) BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding
- 一切始于10月Google祭出的这篇Paper, 瞬间引爆整个AI圈包括自媒体圈: https://arxiv.org/abs/1810.04805
- 2) Github: https://github.com/google-research/bert
- 11月Google推出了代码和预训练模型,再次引起群体亢奋。
- 3) Google AI Blog: Open Sourcing BERT: State-of-the-Art Pre-training for Natural Language Processing
- 2、第三方解读:
- 1) 张俊林博士的解读,知乎专栏:从Word Embedding到Bert模型—自然语 言处理中的预训练技术发展史

我们在AINLP微信公众号上转载了这篇文章和张俊林博士分享的PPT,欢迎 关注:

- 2) 知乎: 如何评价 BERT 模型?
- 3) 【NLP】Google BERT详解
- 4) [NLP自然语言处理]谷歌BERT模型深度解析

- 5) BERT Explained: State of the art language model for NLP
- 6) BERT介绍
- 7) 论文解读:BERT模型及fine-tuning
- 8) NLP突破性成果 BERT 模型详细解读
- 9) 干货 | BERT fine-tune 终极实践教程: 奇点智能BERT实战教程,在AI Challenger 2018阅读理解任务中训练一个79+的模型。
- 10) 【BERT详解】《Dissecting BERT》 by Miguel Romero Calvo

Dissecting BERT Part 1: The Encoder

Understanding BERT Part 2: BERT Specifics

Dissecting BERT Appendix: The Decoder

- 11) BERT+BiLSTM-CRF-NER用于做ner识别
- 12) AI赋能法律 | NLP最强之谷歌BERT模型在智能司法领域的实践浅谈
- 3、第三方代码:
- 1) pytorch-pretrained-BERT: https://github.com/huggingface/pytorch-pretrained-**BERT**

Google官方推荐的PyTorch BERB版本实现,可加载Google预训练的模型: PyTorch version of Google AI's BERT model with script to load Google's pretrained models

- 2) BERT-pytorch: https://github.com/codertimo/BERT-pytorch 另一个Pytorch版本实现: Google AI 2018 BERT pytorch implementation
- 3) BERT-tensorflow: https://github.com/guotong1988/BERT-tensorflow Tensorflow版本: BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding
- 4) bert-chainer: https://github.com/soskek/bert-chainer Chanier版本: Chainer implementation of "BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding"
- 5) bert-as-service: https://github.com/hanxiao/bert-as-service 将不同长度的句子用BERT预训练模型编码,映射到一个固定长度的向量 上: Mapping a variable-length sentence to a fixed-length vector using pretrained BERT model 这个很有意思,在这个基础上稍进一步是否可以做一个句子相似度计算服 务? 有没有同学一试?

6) bert language understanding:

https://github.com/brightmart/bert language understanding

BERT实战: Pre-training of Deep Bidirectional Transformers for Language

Understanding: pre-train TextCNN

7) sentiment analysis fine grain:

https://github.com/brightmart/sentiment analysis fine grain

BERT实战,多标签文本分类,在 AI Challenger 2018 细粒度情感分析任务上 的尝试: Multi-label Classification with BERT; Fine Grained Sentiment Analysis from AI challenger

8) BERT-NER: https://github.com/kyzhouhzau/BERT-NER BERT实战,命名实体识别: Use google BERT to do CoNLL-2003 NER!

9) BERT-keras: https://github.com/Separius/BERT-keras

Keras版: Keras implementation of BERT with pre-trained weights

10) tbert: https://github.com/innodatalabs/tbert

PyTorch port of BERT ML model

11) BERT-Classification-Tutorial: https://github.com/Socialbird-AILab/BERT-Classification-Tutorial

12) BERT-BiLSMT-CRF-NER: https://github.com/macanv/BERT-BiLSMT-CRF-**NER**

Tensorflow solution of NER task Using BiLSTM-CRF model with Google BERT Fine-tuning

13) bert-Chinese-classification-task bert中文分类实践

14) bert-chinese-ner: https://github.com/ProHiryu/bert-chinese-ner 使用预训练语言模型BERT做中文NER

15) BERT-BiLSTM-CRF-NER

Tensorflow solution of NER task Using BiLSTM-CRF model with Google BERT Fine-tuning

16) bert-sequence-tagging: https://github.com/zhpmatrix/bert-sequence-tagging 基于BERT的中文序列标注

持续更新, BERT更多相关资源欢迎补充, 欢迎关注我们的微信公众号: **AINLP**



注:原创文章,转载请注明出处及保留链接"我爱自然语言处理": https://www.52nlp.cn

本文链接地址: BERT相关论文、文章和代码资源汇总 https://www.52nlp.cn/?p=10870