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1 C:\Users\AGM1\.conda\envs\Fatemeh\python.exe C:/Users/AGM1/PycharmProjects/BertGCNfinal/train_bert_gcn.py
2 arguments:
3 Namespace(batch_size=32, batch_size_gcn=128, bert_init='/home/LanguageModels/ParsBERT_v3/', bert_lr=1e-05, dataset='digi2',
  dropout=0.5, gcn_layers=3, gcn_lr=0.001, gcn_model='gcn', heads=16, m=0.5, max_length=64, model_name='annotation', n_hidden=30,
  nb_epochs=4, nb_epochs_gcn=10, pretrained_bert_ckpt='C:\\Users\\AGM1\\PycharmProjects/checkpoint/digi2/checkpoint.pth',
  word_embeddings_dim=300)
4 checkpoints will be saved in ../checkpoint/gcn_digi2
5 graph information:
6 Graph(num_nodes=51633, num_edges=4775441,
7      ndata_schemes={'input_ids': Scheme(shape=(64,)), dtype=torch.int64), 'attention_mask': Scheme(shape=(64,)), dtype=torch.int64
  ), 'label': Scheme(shape=(), dtype=torch.int64), 'train': Scheme(shape=(), dtype=torch.float32), 'val': Scheme(shape=(), dtype=
  torch.float32), 'test': Scheme(shape=(), dtype=torch.float32), 'label_train': Scheme(shape=(), dtype=torch.int64), 'cls_feats':
  Scheme(shape=(768,)), dtype=torch.float32)})
8      edata_schemes={'edge_weight': Scheme(shape=(), dtype=torch.float32)})
9 Epoch: 1 Train acc: 0.9263 loss: 0.2170 Val acc: 0.9013 loss: 0.2717 Test acc: 0.9036 loss: 0.2680
10 New checkpoint
11 Epoch: 2 Train acc: 0.9329 loss: 0.1908 Val acc: 0.9034 loss: 0.2433 Test acc: 0.9074 loss: 0.2375
12 New checkpoint
13 Epoch: 3 Train acc: 0.9422 loss: 0.1667 Val acc: 0.9086 loss: 0.2345 Test acc: 0.9133 loss: 0.2294
14 New checkpoint
15 Epoch: 4 Train acc: 0.9405 loss: 0.1638 Val acc: 0.9086 loss: 0.2486 Test acc: 0.9097 loss: 0.2461
16 Epoch: 5 Train acc: 0.9484 loss: 0.1482 Val acc: 0.9088 loss: 0.2490 Test acc: 0.9097 loss: 0.2470
17 New checkpoint
18 Epoch: 6 Train acc: 0.9311 loss: 0.1888 Val acc: 0.8887 loss: 0.2884 Test acc: 0.8849 loss: 0.2957
19 Epoch: 7 Train acc: 0.8917 loss: 0.2279 Val acc: 0.8683 loss: 0.4190 Test acc: 0.8640 loss: 0.4354
20 Epoch: 8 Train acc: 0.9631 loss: 0.1225 Val acc: 0.9142 loss: 0.2354 Test acc: 0.9116 loss: 0.2414
21 New checkpoint
22 Epoch: 9 Train acc: 0.8883 loss: 0.2202 Val acc: 0.8615 loss: 0.4339 Test acc: 0.8617 loss: 0.4571
23 Epoch: 10 Train acc: 0.9500 loss: 0.1434 Val acc: 0.9002 loss: 0.3086 Test acc: 0.8988 loss: 0.3210
24
25 Process finished with exit code 0
26
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