Amazon@ACL 2020 Publications

A multitask learning approach for diacritic restoration
Sawsan Alqahtani, Ajay Mishra, Mona Diab

Evaluating robustness to input perturbations for Neural Machine Translation Xing Niu, Prashant Mathur, Georgiana Dinu, Yaser Al-Onaizan

Exploring content selection in summarization of novel chapters Faisal Ladhak, Bryan Li, Yaser Al-Onaizan, Kathleen McKeown

Fluent response generation for conversational question answering Ashutosh Bahet, Alan Ritter, Kevin Small

GAN-BERT: Generative adversarial learning for robust text classification with a bunch of labeled examples Danilo Croce, Giuseppe Castellucci, Roberto Basili

Improving non-autoregressive neural machine translation with monolingual data
Jiawei Zhou, Phillip Keung

Learning Robust Models for e-Commerce Product Search
Thanh V. Nguyen, Nikhil Rao, Karthik Subbian

Masked language model scoring
Julian Salazar, Davis Liang, Toan Q. Nguyen, Katrin Kirchhoff

Multiresolution and multimodal speech recognition with transformers
Georgios Paraskevopoulos, Srinivas Parthasarathy, Aparna Khare, Shiva Sundaram

Recursive Template-based Frame Generation for Task Oriented Dialog
Rashmi Gangadharaiah, Balakrishnan (Murali) Narayanaswamy

schuBERT: Optimizing elements of BERT
Ashish Khetan, Zohar Karnin

SeqVAT: Virtual Adversarial Training for Semi-Supervised Sequence Labeling
Luoxin Chen, Weitong Ruan, Xinyue Liu, Jianhua Lu

Template-based question generation from retrieved sentences for improved unsupervised question answering
Alexander R. Fabbri, Patrick Ng, Zhiguo Wang, Ramesh Nallapati, Bing Xiang

The cascade transformer: an application for efficient answer sentence selection
Luca Soldaini, Alessandro Moschitti

TXtract: Taxonomy-Aware Knowledge Extraction for Thousands of Product Categories
Giannis Karamanolakis, Jun Ma, Xin Luna Dong

Words aren't enough, their order matters: on the robustness of grounding visual referring expressions
Arjun R. Akula, Spandana Gella, Yaser Al-Onaizan, Song-Chun Zhu, Siva Reddy

Amazon@ACL 2020 Tutorials & Workshops

Workshops

Sunday July 5th

Multi-modal Information Extraction from Text, Semi-structured, and Tabular Data on the Web (Cutting-edge)

Tutorials

Thursday, July 9th

FEVER: The third workshop on fact extraction and verification

NLP For Conversational AI

- Learning to Classify Intents and Slot Labels Given a Handful of Examples
- Using alternate representations of text for natural language understanding
- Data Augmentation for Training Dialog Models Robust to Speech Recognition Errors
- From Machine Reading Comprehension to Dialogue State Tracking: Bridging the Gap

5th Workshop on Representation Learning for NLP (RepL4NLP-2020)

The International Conference on Spoken Language Translation ACL (July 9 -10th)

Friday July 10th

NLP for Medical Conversations

- Robust Prediction of Punctuation and Truecasing for Medical ASR

ECNLP 3: The Third Workshop on e-Commerce and NLP