

Justin (Junyang) Lin

Resume



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PUBLICATIONS

Junyang Lin, Xu Sun, Shuming Ma and Qi Su. 2018. Global Encoding for Abstractive Summarization. In *ACL 2018*.

Junyang Lin, Qi Su, Pengcheng Yang, Shuming Ma and Xu Sun. 2018. Semantic-Unit-Based Dilated Convolution for Multi-Label Text Classification. In *EMNLP 2018*.

Junyang Lin, Xu Sun, Xuancheng Ren, Muyu Li and Qi Su. 2018. Learning When to Concentrate or Divert Attention: Self-Adaptive Attention Temperature for Neural Machine Translation. In *EMNLP 2018*.

Junyang Lin, Xu Sun, Xuancheng Ren, Shuming Ma, Jinsong Su and Qi Su. 2018. Deconvolution-Based Global Decoding for Neural Machine Translation. In *COLING 2018*.

Shuming Ma, Xu Sun, **Junyang Lin** and Houfeng Wang. 2018. Autoencoder as Assistant Supervisor: Improving Text Representation for Chinese Social Media Text Summarization. In *ACL 2018*.

Shuming Ma, Xu Sun, Yizhong Wang and **Junyang Lin**. 2018. Bag-of-Words as Target for Neural Machine Translation. In *ACL 2018*.

Jingjing Xu, Xuancheng Ren, **Junyang Lin** and Xu Sun. 2018. DP-GAN: Diversity-Promoting Generative Adversarial Network for Generating Informative and Diversified Text. In *EMNLP 2018*.

Jingjing Xu*, Liangchen Luo*, **Junyang Lin** Qi Zeng and Xu Sun. 2018. An Auto-Encoder Matching Model for Learning Utterance-Level Semantic Dependency in Dialogue Generation. In *EMNLP 2018*.

Shuming Ma, Xu Sun, **Junyang Lin** and Xuancheng Ren. 2018. A Hierarchical End-to-End Model for Jointly Improving Text Summarization and Sentiment Classification. In *IJCAI 2018*.

Junyang Lin, Xu Sun, Shuming Ma, Xuancheng Ren and Qi Su. 2018. Decoding-History-Based Adaptive Control of Attention for Neural Machine Translation. In *arXiv*.

Pengcheng Yang, Shuming Ma, Yi Zhang, **Junyang Lin**, Qi Su and Xu Sun. 2018. A Deep Reinforced Sequence-to-Set Model for Multi-Label Text Classification. In *arXiv*.

Bingzhen Wei* and **Junyang Lin***. A Deep Reinforced Sequence-to-Set Model for Multi-Label Text Classification. In *arXiv*.

("*") refers to equal contribution)

RESEARCH INTERESTS

Deep Learning for Natural Language Processing

Have been doing Research in natural language generation, with major focuses on neural machine translation, text summarization and dialog / review generation.

EDUCATION

2016 – NOW **Master Candidate of Linguistics**
INSTITUTE OF LINGUISTICS
School of Foreign Languages
Peking University

2012 – 2016 **Bachelor of English Literature**
Department of English
University of International Relations

AWARDS

2018 **National Scholarship**
Peking University

2018 **Academic Innovation Award**
Peking University

LANGUAGES

NATIVE Mandarin, Cantonese, Hakka
FLUENT English (TOEFL-104, TEM-8: 84/100)
MEDIUM French, Russian (CRT-4: 86/100),
Japanese, German
BASIC Italian, Spanish

COMPUTER SKILLS

LANGUAGES Python, HTML, Java, R
FRAMEWORKS PyTorch, Tensorflow, Scikit-Learn

WORK EXPERIENCE

CURRENT, FROM NOV 2017 (FT)

Language Computing and Machine Learning Group,
Peking University
Team Leader

Advisor: Prof. Xu Sun (PhD Supervisor, Institute of Computational Linguistics, Peking University)

Published 9 articles (4 as first author and 5 as co-author) with the proposal of methods to tackle problems in abstractive text summarization, neural machine translation and multi-label text classification.

Developed the tool for abstractive summarization, *Lanco-Sum*, which incorporates the proposed methods of our group.

Participated in the JD Dialogue System Competition as a member of the team *Dialogue AI*, and won the second place.