# 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*.

Qibin Chen*, **Junyang Lin***, Yichang Zhang, Hongxia Yang, Jingren Zhou and Jie Tang. 2019. Towards Knowledge-based Personalized Product Description Generation in E-commerce. In *KDD 2019*.

**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*.

Bingzhen Wei, Mingxuan Wang, Hao Zhou, **Junyang Lin**, and Xu Sun. 2019. Imitation Learning for Non-Autoregressive Neural Machine Translation. In *ACL 2019*.

Pengcheng Yang, Shuming Ma, Yi Zhang, **Junyang Lin**, Qi Su and Xu Sun. 2019. A Deep Reinforced Sequence-to-Set Model for Multi-Label Text Classification. In *ACL 2019*.

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*.

## RESEARCH INTERESTS

*Deep Learning for Natural Language Processing*
Have been interested in natural language generation, graph computing, machine learning, etc.

## WORK EXPERIENCE

JULY 2019 – NOW (FT)

### DAMO Academy
Alibaba Group
***Senior Algorithm Engineer***

Published 1 article (first author) in KDD 2019.

Implemented our methods of natural language generation in 3 projects Taobao Search and Recommendation.

NOV. 2017 – JULY 2019 (FT)

### LANCO
Peking University
***Team Leader***

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

Published 11 articles (4 as first author and 5 as co-author).

## EDUCATION

| | |
|---|---|
| 2016 – 2019 | **Master Candidate of Linguistics**<br>INSTITUTE OF LINGUISTICS<br>School of Foreign Languages<br>*Peking University* |
| 2012 – 2016 | **Bachelor of English Literature**<br>Department of English<br>*University of International Relations* |

## AWARDS

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|---|---|
| 2018 | **National Scholarship**<br>*Peking University* |
| 2018 | **Academic Innovation Award**<br>*Peking University* |

## COMPUTER SKILLS

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| LANGUAGES | Python, SQL, Java, HTML |
| FRAMEWORKS | PyTorch, Tensorflow, Scikit-Learn |

## LANGUAGES

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