Yang Wei

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EDUCATION

East China Normal University   2018 – Present
M.S.   Computer Science and Technology

East China Normal University   2014 – 2018
B.S.   Computer Science and Technology   *1/110*

RESEARCH

My research interests are mainly in basic algorithm tasks like *constituent parsing*, *dependency parsing*, *sequence tagging* and *language modeling*. I also understand some tasks like *machine translation*, *entity relationship extraction* and *transfer learning*.

EXPERIENCE

ByteDance AI Lab NLP research intern   2020.05 – Present
Mainly responsible for the compression and acceleration of machine translation models, using model compression techniques such as parameter sharing, matrix decomposition, quantization and distillation to reduce the size of the model and finally apply it to mobile devices.

PUBLICATIONS

A Span-based Linearization for Constituent Trees   **ACL 2020**
Yang Wei, Yuanbin Wu and Man Lan

We propose a novel linearization of a constituent tree, together with a new locally normalized model. Compared with global models, our model is fast and parallelizable. Different from previous local models, our linearization method is tied on the spans directly and considers more local features when performing span prediction, which is more interpretable and effective.

AWARDS

Gold Medal ACM-ICPC Invitational Shaanxi Site	2017
Silver Medal ACM-ICPC Asia Regional Programming Contest Qingdao Site	2016
Bronze Medal ACM-ICPC Asia Regional Programming Contest Shanghai Site	2015
Special Scholarship	2017
First Prize Scholarship	2016
National Scholarship	2015

PROGRAMMING SKILLS

- Programming Language: *Python, C++, C.*
- Neural Network Toolkit: *TensorFlow, PyTorch, DyNet.*

SOCIAL LINKS

- Blog: *https://godweiyang.com*
- GitHub: *https://github.com/godweiyang*
- Zhihu: *https://www.zhihu.com/people/godweiyang*, 8000+ like, 3500+ fans
- WeChat Official Accounts: *GodNLP*, 2200+ fans