Yang Wei (韦阳)

✉ godweiyang@gmail.com · ▢ (+86)15221856016 · ⌗ https://godweiyang.com

EDUCATION

East China Normal University   2018 – Present

M.S.   Computer Science and Technology   *Score: 91.5/100*

East China Normal University   2014 – 2018

B.S.   Computer Science and Technology   *Rank: 1/110*

RESEARCH

I mainly research *constituent parsing*, *dependency parsing* and *machine translation*. I'm also interest in *sequence tagging*, *language modeling*, *entity relationship extraction* and *transfer learning*.

EXPERIENCE

ByteDance AI Lab NLP Research Intern   2020.05 – Present

Mainly research compression and acceleration of machine translation models, using model compression techniques such as parameter sharing, embedding decomposition, quantization and knowledge distillation to reduce the size of the model and finally apply it to mobile devices. Finally, the model size is compressed by 20 times and the performance is basically lossless.

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

National Scholarship (M.S.)	2020
Gold Medal ACM-ICPC Invitational Shaanxi Site	2017
Special Scholarship	2017
Silver Medal ACM-ICPC Asia Regional Programming Contest Qingdao Site	2016
First Prize Scholarship	2016
Bronze Medal ACM-ICPC Asia Regional Programming Contest Shanghai Site	2015
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*, 8500+ like, 5200+ fans。
- WeChat Official Accounts: *GodNLP*, 2700+ fans。