

Yao Zhou

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| CONTACT INFORMATION | SYSU-CMU Joint Institute of Engineering, 406 Higher Education Mega Center North, Guangzhou | (+86) 186-2048-4073 cliviazhou@foxmail.com |
| RESEARCH INTERESTS | Deep Learning for Natural Language Processing, Natural Language Understanding, Question Answering. | |
| EDUCATION | Sun Yat-Sen University , Guangzhou, China Master of Science., Computer Science , <i>Expected</i> : Summer 2018 <ul style="list-style-type: none">• Thesis Topic: <i>Deep learning for natural language processing with applications.</i>• Advisors: Cong Liu, A.P. Sun Yat-Sen University , Guangzhou, China Bachelor of Science., Computer Science <ul style="list-style-type: none">• Interests: <i>Mathematics and Algorithms, Programming Language and Web development.</i> | |
| EXPERIENCE | Horizon Robotics August 2016 to present Research Intern, Work with: Lixin Cao <ul style="list-style-type: none">- Work on natural language understanding. Summba Inc. DataStory March 2015 to Oct 2015 (6 months) Software Engineer, Work with: Arber Xu , Ph.D. <ul style="list-style-type: none">- Developed a web application by Ruby on Rails, labeller.yeezhao.com, for annotating online product reviews and building supervised data.- Completed a various of web spiders, including e-mails such as Tmall, JD, Amazon and social websites such as Weibo, Zhihu, Douban ...- Involved in industrial natural language processing, building the distributed information extracting system to analyse the sentiment polarity of online reviews. | |
| PUBLICATIONS | 1. Yao Zhou , Cong Liu and Yan Pan. "Modelling Sentence Pairs with Tree-structured Attentive Encoder", <i>arXiv preprint, arXiv</i> , 2016. | |
| PROJECTS | Jtorch github.com/sysudnlp/jtorch <ul style="list-style-type: none">• A open source Java package for deep learning, inspired by Facebook Torch7,• Supporting efficient matrix/tensor operations, outperforming 5-7 times than basic matrix multiplication.• Building deep neural network by adding layers step by step, supporting end-to-end training. Deepmind-qa github.com/yoosan/deepmind_qa <ul style="list-style-type: none">• An open source project which attempt to implement the paper "Teaching Machines to Read and Comprehend", DeepMind, In <i>NIPS 2015</i> | |

SKILLS

Zhihu spider

github.com/yoosan/zhihuspider

- A web spider for zhihu.com, using *Scrapy* to crawl user's information and questions with answers. *Redis* for cache user list and *Elasticsearch* for querying and visualizing.

Programming Languages

More experience – Less experience

- Java, Lua, Ruby, Python, C/C++, Shell, Javascript.

Systems

- Unix/Linux, VPS

Databases

- MySQL, NoSQL, MongoDB, Redis, Solr, ElasticSearch

Computing

- Spark, Hadoop, MPI

Deep Learning

- Torch7 (with GPU)

Tools

- LaTeX, Markdown, Vim
- Git, SVN