

Yao Zhou

CONTACT INFORMATION	SYSU-CMU Joint Institute of Engineering, 406 Higher Education Mega Center North, Guangzhou	(+86) 185-6538-1407 cliviazhou@foxmail.com
RESEARCH INTERESTS	Deep learning for natural language processing, Semantic representation, Question answering, Distributed and parallel computing.	
EDUCATION	Sun Yat-Sen University , Guangzhou, China Master of Science., Computer Science, <i>Expected: Summer 2018</i> <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 , June 2015 <ul style="list-style-type: none">• Interests: <i>Mathematics and algorithms, Statistics, Programming language and Web development.</i>	
PUBLICATIONS	1. Yao Zhou , Cong Liu, and Yan Pan. “Attention-based Recursive Neural Networks for Semantic Representation”, <i>arXiv preprint, arXiv</i> , 2016.	
INDUSTRY EXPERIENCE	Software Engineer Summba Inc. DataStory Work with: Arber Xu , Ph.D and Yishi Guo, Ph.D candidate. <ul style="list-style-type: none">• Develop a web application by Ruby on Rails, labeller.yeezhao.com, which is used to complete many label tasks.• Complete a various of web spiders, including e-malls such as Tmall, JD, Amazon and social websites such as Weibo, Zhihu, Douban ...• Get involved in industry natural language processing, building information extracting system to analyse the sentiment polarity of online reviews.	March 2015 to Oct 2015
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, outperform 5-7 times than basic matrix multiplication.• Include most of math functions, building deep neural network by adding layers step by step, supporting end-to-end training. Sysu-nlp-core github.com/sysudnlp/sysu-nlp-core <ul style="list-style-type: none">• A toolkit of NLP, a wrapper of Stanford CoreNLP toolkits. Basic tasks such as Tokenize/Segmentation, POS, NER, Parsing trees... Zhihu spider github.com/yoosan/zhihuspider <ul style="list-style-type: none">• Web spider for zhihu.com, using scrapy crawl user information and questions with answers. Redis for cache userlist and elasticsearch for visualization results.	

Deepnlp github.com/yoosan/deepnlp
• Including deep learning in NLP tasks, mainly using torch7 and lua processing data, some implementation of academic papers.

SKILLS

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

- Torch (with GPU)

Tools

- LaTeX, Markdown, Vim
- Git, SVN