

Yao Zhou

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: 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, Programming Language and Web development.</i>	
PUBLICATIONS	1. Yao Zhou , Cong Liu and Yan Pan. “Modelling Sentence Pairs with Tree-structured Attentive Encoder”, <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">• 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.	March 2015 to Oct 2015 (6 months)
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> Zhihu spider github.com/yoosan/zhihuspider <ul style="list-style-type: none">• A web spider for zhihu.com, using <i>Scrapy</i> to crawl user’s information and questions with answers. <i>Redis</i> for cache user list and <i>Elasticsearch</i> for querying and visualizing.	
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

- Torch7 (with GPU)

Tools

- LaTeX, Markdown, Vim
- Git, SVN