

Yao Zhou

CONTACT INFORMATION	406, SYSU-CMU Joint Institute of Engineering East Campus, Sun Yat-sen University, Guangzhou	(+86) 186-2048-4073 yoosan.zhou@gmail.com
RESEARCH INTERESTS	Deep Learning and Machine Learning, Natural Language Processing, Reinforcement Learning and Computer Vision.	
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, natural language processing</i>• Advisors: Cong Liu, A.P. and Yan Pan, A.P. Sun Yat-Sen University , Guangzhou, China Bachelor of Science., Computer Science <ul style="list-style-type: none">• Work with: Arber Xu (Now CEO at Hudongpai)	
PUBLICATIONS	1. Yao Zhou , Cong Liu and Yan Pan. Modelling Sentence Pairs with Tree-structured Attentive Encoder, In <i>The International Conference on Computational Linguistics</i> , 2016, Osaka Japan. paper , code	
EXPERIENCE	Horizon Robotics August 2016 to present Research Intern, Mentor: Lixin Cao and Jian Zhang <ul style="list-style-type: none">- Aims at building end-to-end task-oriented dialogue system with deep reinforcement learning, 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 for annotating online product reviews and building supervised data.- Built the large-scale distributed system for crawling and analyzing the product information of online-mart and social networks (such as Tmall, JD, Amazon, Weibo, Zhihu etc).	
PROJECTS	jtorch github.com/sysudnlp/jtorch <ul style="list-style-type: none">• An 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> deeprl github.com/yoosan/deeprl <ul style="list-style-type: none">• a toy for playing with reinforcement learning.	
SKILLS		

Programming Languages

More experience – Less experience

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

Systems

- Linux (Ubuntu 14 and CentOS), Unix (macOS), VPS, AWS

Databases

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

Computing

- Spark, Hadoop, MPI

Deep Learning

- Torch7 (with GPU) and MXNET

Tools & MISC

- LaTeX, Markdown, Vim
- Git, SVN

HONORS
AWARD**Excellent graduate student 2016 (top 5%)**
The 1st scholarship at SYSU