

# YONGWEI ZHOU

## CONTACT INFO

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**Address:** Harbin Institute of Technology(HIT), Harbin, Heilongjiang, China

**HomePage:** <https://phddamuge.github.io/ywzhou.github.io/>

**Research Interesting:** Knowledge Reasoning, Reading Comprehension, Neural Symbolic Computing

## EDUCATION

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*PH.D candidate, Harbin Institute of Technology* 2018.09 - 2023.07

*Lab: Machine Intelligent and Translation, Advisor: Tiejun Zhao*

*M.S, Harbin Institute of Technology* 2016.09 - 2018.07

*Lab: Massive Data Computing Lab Advisor: Hong Gao*

*B.E, Harbin Institute of Technology* 2012.09 - 2016.07

*Major: Applied Mathematics Advisor: Sitian Qin*

## EXPERIENCE

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**Noah's Ark Lab, Huawei. Research Intern in Dialogue Group** 2019.10 - present

*Mentor: Lifeng Shang, Professor in Noah's Ark Lab, Huawei, Shenzhen*

*Research: neural symbolic computing, reading comprehension*

## PROJECT

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**SMP2019-ECDT** 2019.05 - 2019.07

*Propose a model based on BERT and using gate and attention mechanism in three NLU task.*

*Achivement: 7<sup>th</sup>*

**Batch Processing Algorithm of Approximation String Query(ASQ)** 2017.05 - 2018.07

*Create an inverted index on the external memory and use the Trie tree index structure in memory.*

*Propose a string approximation query batch algorithm and also with memory constraints, reducing the average waiting time by about 50%.*

## PUBLICATION

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[1]. Li Q, Zhou Y, Qin S, et al. *global robust exponential stability of complex-valued Cohen-Grossberg neural networks with mixed delays*. ICIST2016

## REWARD

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Excellent graduate of Harbin Institute of Technology 2016

National Inspirational Scholarship 2014

First Level Scholarship 2015

First Prize in National College Student Mathematics Competition 2014

Third Prize in National College Students Mathematical Modeling Competition	2015
Excellent student cadres of Harbin Institute of Technology	2015
Outstanding members of Harbin Institute of Technology	2014

**TECHNICAL STRENGTHS**

<b>Computer Languages</b>	Python, Java
<b>Tools</b>	tensorflow, Pytorch, Latex