

YONGWEI ZHOU

CONTACT INFO

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HomePage: <https://phddamage.github.io/ywzhou.github.io/>

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

EDUCATION

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

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

SMP2019-ECDT 2019.05 - 2019.07

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

Achivement: 7th

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

[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

Outstanding Graduates of Harbin Institute of Technology 2016

National Encouragement Scholarship 2014

The First Prize Scholarship 2015

First Prize in National College Student Mathematics Competition 2014

Third Prize in National College Students Mathematical Modeling Competition 2015

Excellent Student Cadre of Harbin Institute of Technology 2015

Excellent League Member of Harbin Institute of Technology 2014

TECHNICAL STRENGTHS

Computer Languages Python, Java

Tools tensorflow, Pytorch, Latex