

YONGWEI ZHOU

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🎓 EDUCATION

Harbin Institute of Technology (HIT)	2018.09 – Present
PH.D in Computer Science (CS), Advised by Professor Tiejun Zhao	
Harbin Institute of Technology (HIT)	2016.09 – 2018.07
M.S. in Computer Science (CS), Advised by Professor Hong Gao	
Harbin Institute of Technology (HIT),	2012.09 – 2016.07
B.S. Major in Mathematics	

✿ INTERNSHIP EXPERIENCE

JD AiLab Beijing, China	2020.06–2021.06
Research Intern Mentor: Junwei Bao, Youzheng Wu	
Project: Reasoning for reading comprehension (DROP task)	
Noah's Ark Lab, Huawei Shenzhen, China	2019.10–2020.06
Research Intern Mentor: Lifeng Shang	
Project: Complex question answering fusing knowledge reasoning	
• Focus on complex question answering with discrete reasoning(DROP)	
• Survey related paper about question answering with discrete reasoning, neural symbolic computing	
• Implement Neural Symbolic Reader (ICLR 2020) and Neural Module Networks for Reasoning over Text (ICLR 2020)	

♡ PROJECT

SMP 2019-ECDT	2019.05 - 2019.07
• Propose a model based on BERT and using gate and attention mechanism in three NLU task.	
• Domain_Acc: 0.9229 Intent_Acc: 0.8197 Slots_F: 0.6935 Frame_Acc: 0.5776	
• Achievement: 7 th /30	
Batch Processing for Approximation String Query	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%.	
Stability Analysis of a Class of Complex-valued Neural Networks	2015.05 - 2016.07
• Based on homeomorphism theory, proposing sufficient conditions for existence of balance point of such neural networks	
• Using Lyapunov method to prove that the obtained balance point is stable under the given conditions.	

⚙ PUBLICATION

- [1]. Li Q, Zhou Y, Qin S, et al. global robust exponential stability of complex-valued Cohen-Grossberg neural networks with mixed delays. ICIST 2016. First student author

HONORS AND AWARDS

Outstanding Graduates of Harbin Institute of Technology	2016
Third Prize in National College Students Mathematical Modeling Competition	2015
The First Prize Scholarship	2015
National Encouragement Scholarship	2014
First Prize in National College Student Mathematics Competition	2014

SKILLS

- Python, Java
- tensorflow, pytorch, Latex

ACTIVATION
