Dingjie Song

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Research interests

Building an intelligent system that can understand users' needs and solve real-world problems. It involves studies in dialogue systems, low-resource learning, and reading comprehension.

Education

Nanjing University   Nanjing, China
Master of Software Engineering   09/2021 – Present
Advisors: Xinyu Dai, Jidong Ge. *GPA: 4.41/5.0.*

Nanjing University   Nanjing, China
Bachelor of Software Engineering   09/2017 – 06/2021
Advisors: Xinyu Dai, Jidong Ge. *GPA: 4.25/5.0.*

Publications

[1] **PDF: A Parallel Demonstration Framework for Demonstration-based Learning**
ACL23 (under reviewed, first author)

[2] **Episode-based Prompt Learning for Any-shot Intent Detection**
Dingjie Song*, Pengfei Sun*, Yawen Ouyang, Zhen Wu, Xinyu Dai
IJCAI23 (under reviewed)

[3] **TCBERT: A Technical Report for Chinese Topic Classification BERT**
Ting Han, Kunhao Pan, Xinyu Chen, Dingjie Song, Yuchen Fan, Xinyu Gao, Ruyi Gan, Jiaxing Zhang
Technical Report

[4] **Self-Supervised Task Augmentation for Few-Shot Intent Detection**
Pengfei Sun, Yawen Ouyang, Dingjie Song, and Xinyu Dai.
*Journal of Computer Science and Technology (**JCST**), 2022.*

[5] **R3: A Reading Comprehension Benchmark Requiring Reasoning Processes**
Ran Wang, Kun Tao, Dingjie Song, Zhilong Zhang, Xiao Ma, Xi'ao Su, and Xinyu Dai.
arxiv preprint.

Research experience

International Digital Economy Academy
NLP Research Intern   07/2022 – Present

Mainly focus on in-context learning[1] and language model fine-tuning[3].
Mentors: Jiaxing Zhang

NLP Group, Nanjing University

Gradute Student   08/2021 – 06/2022

Mainly focus on low-resource spoken language understanding[2][4].

NLP Group, Nanjing University

Research Assistant   01/2020 – 04/2020

Mainly focus on discrete reasoning reading comprehension[5].
Mentors: Xinyu Dai

Honors and
scholarships

Outstanding Graduate Student

Nanjing University, 2022

Yingcai Scholarship

Nanjing University, 2022

Renmin Scholarship (People's Scholarship)

Nanjing University, 2018-2021

Outstanding Student Leader of the Communist Youth League

Nanjing University, 2018-2019

Third Runner's Up in *15th Citi Cup Financial Innovation Application Competition*

Citigroup, 2019

Second Runner's Up in *2019 "Chain to Future" University Blockchain Technology Application Competition*

CCF, 2019

Skills

Programming
Languages: Python, Java, JavaScript, SQL.
Tools: Pytorch, DeepSpeed, Colossal-AI, Elastic Search, Spark.

Languages
English, Cantonese.