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

[2] **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.*

[3] **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 and pre-trained language models.
Mentors: Jiaxing Zhang

NLP Group, Nanjing University
Gradute Student — 08/2021 – 06/2022
Mainly focus on low-resource spoken language understanding[1][2].

NLP Group, Nanjing University
Research Assistant — 01/2020 – 04/2020

Mainly focus on discrete reasoning reading comprehension[3].
Mentors: Xinyu Dai

Honors and scholarships

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, Tensorflow, AllenNLP, Elastic Search, Spark.

Languages
English, Cantonese.