Aoqun Jin

RESEARCH ASSISTANT

CONTACTS

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FIELDS

Natural language processing, Reinforcement learning, Distributed machine learning.

SKILLS

Research: Experimental design, programming, result analysis, improvement, paper writing, etc.
Programming: Languages such as Python and Cuda C, libraries such as Torch and Transformers.

EDUCATION

Bachelor of Science, Hubei Normal University (HBNU), Huangshi
2021 - 2025
Received a 2022 Scholarship (3/47)

ABOUT ME

I'm looking for great teams to work with and advance the field of DL & RL together.

EXPERIENCE

Hubei Normal University, NLP lab. | Research assistant
Nov 2021 - Feb 2023 | Huangshi
Engage in and assist in research work primarily focused on natural language processing (NLP), information retrieval (IR) and question answering (QA).

Hubei Normal University, AMTC lab. | Research assistant
Feb 2023 - Present | Huangshi
Engage in and assist in research work. primarily focused on natural language processing (NLP). Sentiment Classifcation and multimodal learning.

Chinese Academy of Sciences, Institute of Computing Technology. | Guest student
Jun 2023 - September 2023 | Bejing
Engage in and assist in research work. primarily focused on distributed machine learning and large language models (LLMs) etc.

Chinese Academy of Sciences, Institute of Automatic. | Intern
September 2023 - Present | Bejing
Engage in robotics, reinforcement learning, imitation learning.

RESEARCH

Sep 2021- Present | Huangshi
Hubei Provincial Department of Education Key Project on Scientific and Technological Research:
Research on Pseudo-Relevance Feedback Query Expansion Technology Based on Latent Semantic Relations. (2022)

Academic Paper:
Introducing sparse attention to improve the computational complexity of the encoder. (2023)
Research on pertrain visual robotic agents. (2023 now)

COMPETITIONS

Team leader, Huangshi
1. Semantic-based e-commerce retrieval APP. *National College Students E-commerce "Innovation Creativity. and Entrepreneurship" Challenge (May 2022)*
2. Farmland pest identifcation based on fast-rcnn. *"Teddy Cup" Data Mining Challenge (June 2022)*
3. Microblog Sentiment Analysis and Depression Detection Using Transformer Encoder. *"Internet+" College Students Innovation And Entrepreneurship Competition (November 2022)*

PUBLICATIONS

[1] Q. P. H. M. A. J. Min Pan, Yu Liu. A multi-dimensional semantic pseudo-relevance feedback information retrieval model. in 2022, November.

[2] N. Z. R. Z. Z. Z. A. J. Xian Fu, Xiao Yang. Bearing surface defect detection based on improved convolutional neural network. in 2023, May.