

Mr. Jiang Yanbo

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Tel.: 86-15841569288

Education Background

09/2018-06/2022	Zhejiang University Major: Computer Science and Technology (GPA: 3.73/4.0) <i>Advanced Honor Class, Chu Kochen Honors College</i> <i>(Ranking: Top 2%)</i> Bachelor of Engineering
08/2023-Present	Nanyang Technological University Major: Data Science (GPA:3.82/4.0) Master of Science

Honors and Awards

The first-class scholarship in the 2018-2019 academic year;
The first-class scholarship in the 2019-2020 academic year;
The provincial third prize of mathematics competition for college students;
The Second Prize of School Mathematical Contest in Modeling;
The Provincial Third Prize of National Students Mathematical Contest in Modeling;
The outstanding model for learning, social work in academic year 2018-2019 ;
The outstanding student in academic year 2018-2019;
The outstanding model for learning, student activities in academic year 2019-2020;
The outstanding student in academic year 2019-2020;
The outstanding graduate of Zhejiang University

English Language Proficiency

11/2022	<i>IELTS</i>	6.5
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Computer Skills

C, C++, Java, Python, Pytorch and Golang
Able to Work Both in Research and Engineering

Project Experiences

12/2021-06/2022	Contrastive Automated Model Evaluation <i>Accepted by ICCV2023, the fourth author</i> Link: https://github.com/jybxie123/Contrastive_AutoEval Main Duty: As the core member before graduation, proposing parts of the core of the paper, namely, how to use contrastive learning to complete self-supervised tasks and evaluate the accuracy of downstream tasks, building theoretical and practical frameworks of the network,
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| | conducting experiments to verify theories. |
| 12/2023-present | <i>Large Language Model Backward Gradient Sparse In Progress</i>
Main Duty: Improving the basic structures of common models such as BERT, LLaMa; designing various methods to sparsify the backward gradient in order to reduce memory usage; building both theoretical and practical frameworks for sparse backward propagation and conducting experiments to verify the theories. |
| 07/2021-09/2021 | <i>Surgical Action Triplet Recognition 2021 The CUHK Summer Research Project</i>
Main Duty: learning the TMR network, applying to the multi-classification tasks of surgical endoscopic image recognition, modifying the network framework, improving the model parameters, adding pre-training, post-processing and other work on this basis, and analyzing the problems of the learning results to further improve the prediction probability accuracy of the model. |

Work Experience

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| 07/2022-06/2023 | <i>OpenPie</i>
Position: Full Stack Engineer
Main Duty: Deploying kubernetes environment with plugin such as helm chart, istio, calico; Completing the core functions of extract transform load(etl), data synchronization, cloud infrastructure; Participating in other backend functions such as data insight |
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Internship Experience

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| 01/2024-present | <i>MSCapital</i>
Position: Quant Researcher
Main Duty: Studying and implementing basic quant algorithm; Data analysis of finance metrics; Deployment of back test of our strategy; Using machine learning algorithm to fit offset distribution and analyze implicit features. |
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Overseas Exchange Experience

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| 07/2019 | Participating in the exchange program "Future Leadership" of the National University of Singapore |
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