

# Jinsong Li

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## EDUCATION

**Xi'an Jiaotong University** (*C9 League*)

*B.Eng. in Computer Science and Technology*

Xi'an, China

*Sept. 2020 – Jun. 2024*

- **GPA:** 3.93/4.30, **Score:** 91.03/100.00, **Rank:** 3/200 (top 1.50%)

## RESEARCH INTERESTS

Large Multimodal Model, Large Vision Language Model.

## PUBLICATIONS

**ShareGPT4V: Improving Large Multi-modal Models with Better Captions**

Lin Chen, Jinsong Li, Xiaoyi Dong, Pan Zhang, Conghui He, Jiaqi Wang, Feng Zhao, Dahua Lin

*The IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2024, under review*

**Half-Xor: A Fully-Dynamic Sketch for Estimating the Number of Distinct Values in Big Tables**

Pinghui Wang, Dongdong Xie, Junzhou Zhao, Jinsong Li, Zhicheng Li, Rundong Li, Yang Ren

*IEEE Transactions on Knowledge and Data Engineering (TKDE), 2023, under review*

## AWARDS & HONORS

- Person of the Year (*5 out of 2233*), Nanyang College, Xi'an Jiaotong University 2023
- Academic Scholarship, Xi'an Jiaotong University 2023
- Dean's List, Xi'an Jiaotong University 2023
- **National Scholarship** 2022
- 1st Prize of Robocup China (*Champion of Supermarket Assistant Robot Competition*) 2022
- 1st Prize of CUMCM Shaanxi District 2022
- Outstanding Student Leader, Xi'an Jiaotong University 2022
- **National Scholarship** 2021
- 2nd Prize of CMC 2021
- Dean's List, Xi'an Jiaotong University 2021

## EXPERIENCE

**Shanghai Artificial Intelligence Laboratory**

*Research Intern*

Shanghai, China

*Aug. 2023 – present*

- Supervised by Dr. *Jiaqi Wang*
- Research on the Multimodal Large Language Model, including the chart understanding, code generation ability and modality alignment. One paper is currently under review at CVPR 2024.

**Huawei Technologies Co., Ltd.**

*Software Engineer Intern*

Xi'an, China

*Jul. 2023 – Aug. 2023*

- Conduct Java development of the Big Data Online Analytics component for Huawei's NAIE platform.

**PKU-DAIR Lab of Peking University**

*Research Assistant (Remote)*

Beijing, China

*Mar. 2023 – Jun. 2023*

- Supervised by Prof. *Bin Cui*
- Research on AutoML, mainly on Bayesian Optimization. I also participated in a joint project between the lab and Huawei on Hot-Starting hyperparameter search task during in-database task transitions.

**Key Laboratory of intelligent network and network security**

*Research Intern*

Xi'an, China

*Sept. 2022 – Jan. 2023*

- Supervised by Prof. *Pinghui Wang*
- Research on sketch methods for cardinality estimation in dynamic scenarios of large databases. One paper is currently under review at TKDE 2023. I was responsible for most of the experimental work.

**Baidu Inc.***AI Elite Class Member*

Xi'an, China

*Jan. 2022 – Dec. 2023*

- A Joint Program between Xi'an Jiaotong University and Baidu.
- Systematically learned about deep learning and computer vision and practiced on projects under the supervision of the mentor from Baidu.

**SKILLS**

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**Tools:** C++, C, Python, Java, SQL, Shell, PyTorch, LaTeX, Git, etc.**Languages:** TOEFL (iBT) : 93 (R: 28, L: 22, S: 23, W: 20), Mandarin (Native)