Jinsong Li

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EDUCATION

Xi'an Jiaotong University *(C9 League)*   Xi'an, China
B.Eng. in Computer Science and Technology   *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

(∗ Equal contribution. † Corresponding authors.)

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[†]
arXiv Preprint, 2023

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   Shanghai, China
Research Intern   *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.   Xi'an, China
Software Engineer Intern   *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   Beijing, China
Research Intern (Remote)   *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.

MOE KLINNS Lab of Xi'an Jiaotong University   Xi'an, China
Research Intern   *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. Xi'an, China
AI Elite Class Member *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.

Services

- The Class President of CS002, Xi'an Jiaotong University *Sept, 2021 – Jun, 2024*
- The Student Representative of College, Xi'an Jiaotong University *Nov, 2020 – Jun, 2021*

Skills

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)