Lingyu Sun

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Shanghai
24 | Male
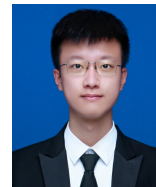
EDUCATION

Shanghai Jiao Tong University	Apr 2024 - Mar 2028
Computer Science, PhD	
Shanghai Jiao Tong University	Sep 2022 - Mar 2024
Computer Science, MS (Transfer to PhD)	
Shanghai Jiao Tong University	Sep 2018 - Jun 2022
IEEE honor class of Computer Science, BS	

PUBLICATIONS

Jigsaw: Taming BEV-centric Perception on Dual-SoC for Autonomous Driving   2024

45th IEEE Real-Time Systems Symposium (RTSS, CCF-A)

Lingyu Sun, Chao Li, Xiaofeng Hou, Tianhao Huang, Cheng Xu, Xinkai Wang, Guangjun Bao, Bingchuan Sun, Shibo Rui, and Minyi Guo.

A2: Towards Accelerator Level Parallelism for Autonomous Micromobility Systems   2024

ACM Transactions on Architecture and Code Optimization (TACO, CCF-A)

Lingyu Sun, Xiaofeng Hou, Chao Li, Jiacheng Liu, Xinkai Wang, Quan Chen, Minyi Guo

Sub-model Parallelism: A Scale-out Deployment Method for Large Multi-modal DNNs   2024

IEEE/ACM 24th International Symposium on Cluster, Cloud and Internet Computing (CCGRID, CCF-C)

Tianhao Huang, Lingyu Sun, Xiaofeng Hou, Xiaozhi Zhu, Xinfeng Xia, Yutong Wang, Mingxi Chen, Chao Li

HONORS & AWARDS

Outstanding Teacher Assistent of Shanghai Jiao Tong University (Top 1%)	2023
Zhiyuan Honored Bachelor's Degree in Shanghai Jiao Tong University (Top 5%)	2022
Outstanding Graduate of Shanghai Jiao Tong University	2022
Star of Tomorrow Reward for Internship program in Microsoft Research Asia	2022
National Scholarship for Undergraduate Students (TOP 5%)	2020

INTERNSHIP EXPERIENCE

Microsoft Research Asia	Feb 2022 - Jun 2022
Research Assistant.	
Studying power-aware virtual machine scheduling. Based on real data trace. My Graduate thesis is based on it.	
Bytedance	Jul 2021 - Oct 2021
Engineering Intern.	
Developing DPDK-related network tools and linux performance monitoring tools.	

MISCELLANEOUS

TA of Cloud Computing	Sep 2022 - Dec 2022
Designed a set of course projects on Spark/Hadoop/Kubernetes.	
TOFEL Score	Oct 2020
113	