

Qizhe Zhang [Homepage]

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GitHub · Google Scholar



EDUCATION

- **PhD, Artificial Intelligence**
HMI Lab, NELVT, PKU
Advisor: Shanghang Zhang
2023 to present
- **Bachelor, Artificial Intelligence**
Turing Class (Honor Class), CFCS (EECS), PKU
Economics (Dual Degree), NSD, PKU
GPA: 3.725 / 4 Ranking: 10 / 81
2019 to 2023
- **Middle School**
Middle School affiliated to NPU
2013 to 2019

RESEARCH INTERSHIP

- **BAAI (Beijing Academy of Artificial Intelligence)**
AGI Interdisciplinary Research Center - Shuicheng Yan
Memory Mechanism for LLM
July 2023 to September 2023
- **BIGAI (Beijing Institute for General Artificial Intelligence)**
GCV Lab, Frontier Research Center - Baoxiong Jia
Embodied Cognition, Multi-modal Learning
October 2021 to February 2022
- **CFCS (Center on Frontiers of Computing Studies), PKU (Peking University)**
EPIC Lab - He Wang
Semi-supervised/Self-supervised Learning
February 2021 to September 2021

AWARDS

- **John Hopcroft Scholarship**
2022
- **The Second Prize of China Southeast Mathematical Olympiad**
2018
- **The First Prize of China North Star of Hope Mathematical Invitational Tournament**
2017

PUBLICATIONS

- **Split & Merge: Unlocking the Potential of Visual Adapters via Sparse Training [Paper]**
CVPR 2024 (*in submission*)
- **Gradient-based Parameter Selection for Efficient Fine-Tuning [Paper]**
CVPR 2024 (*in submission*)
- **Adaptive Distribution Masked Autoencoders for Continual Test-Time Adaptation [Paper]**
CVPR 2024 (*in submission*)
- **Unsupervised Spike Depth Estimation via Cross-modality Cross-domain Knowledge Transfer [Paper]**
ICRA 2024
- **Exploring Sparse Visual Prompt for Domain Adaptive Dense Prediction [Paper]**
AAAI 2023

SKILLS

- **Programming Language & Library**
C/C++, Python, Java, JavaScript, MATLAB, PyTorch
- **Research Fields**
Visual Perception Tasks (Classification, Detection, Segmentation), Contrastive Learning, Transfer Learning
- **Project Management**
GitHub, Google Cloud, Linux, Bash, Slurm

INTERESTS

Computer
Vision

Machine
Learning

Brain-inspired
Computing



北京大学
PEKING UNIVERSITY