

Xuankun Yang

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Education

Shanghai Jiao Tong University

BEng in Artificial Intelligence

Shanghai, China
Sept 2023 – present

- CGPA: 3.96 / 4.3, Rank 5 / 100
- Average score: 91.07 / 100, Rank 10 / 100

Publications

Weight Spectra Induced Efficient Model Adaptation

May 2025

Chongjie Si, Xuankun Yang, Muqing Liu, Yadao Wang, Xiaokang Yang, Wenbo Su, Bo Zheng, Wei Shen

[10.48550/arXiv.2505.23099](https://arxiv.org/abs/2505.23099) (Preprint)

Experience

Summer Research Internship

Shanghai, China
July 2024 – Sept 2024

SJTU-Artificial Intelligence Institute DeepVision Lab

Mentor: [Wei Shen](#)

- Computer Vision
- Learned to read papers and reproduced basic computer vision algorithms

Research Internship

Shanghai, China
Oct 2024 – present

SJTU-Artificial Intelligence Institute DeepVision Lab

Mentor: [Wei Shen](#)

- PEFT(Parameter-Efficient-Fine-Tuning)
- [One research paper](#)
- Model Merging related research
- [One overview article](#)

Projects

[Voice Activity Detection](#)

May 2025

- Implemented a complete end-to-end voice activity detection framework

[Exploration on ViT](#)

June 2025

- Conducted a series of research on ViT with my partner

Skills

Programming Language: Python, CPP

Software & tools: PyTorch, LaTex and Git

Languages: English, Chinese