

Xiangpeng Yang

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Education

University of Technology Sydney(UTS)

Apr 2023 - present

Ph.D in Computer Science

Southeast University(SEU)

Sep 2019 - Jun 2022

M.S in Automation

GPA: 3.86/4.00, Top 3%

Northeastern University(NEU)

Sep 2015 - Jun 2019

B.S. in Automation (Honors Class)

GPA: 90.63/100, Top 2%

Research Interests

Generative AI | Video Generation | Vision and Language | Multi-modal learning

Publications

- **Unified Video Editing with Temporal Reasoner**

[arXiv](#) [Project Page](#) [Code](#) [Hugging Face](#) [Video](#)

Xiangpeng Yang, Ji Xie, Yiyuan Yang, Min Xu, Qiang Wu

CVPR 2026 In Submission

- **VideoGrain: Modulating Space-Time Attention for Multi-Grained Video Editing**

[arXiv](#) [Project Page](#) [Code](#) [Video](#)

Xiangpeng Yang, Linchao Zhu, Hehe Fan, Yi Yang

ICLR 2025

- **DGL: Dynamic Global-Local Prompt Tuning for Text-Video Retrieval**

[arXiv](#) [Code](#) [Video](#)

Xiangpeng Yang, Linchao Zhu, Xiaohan Wang, Yi Yang

AAAI 2024

- **Follow-Your-Motion: Video Motion Transfer via Efficient Spatial-Temporal Decoupled Finetuning** [arXiv](#) [Project Page](#) [Code](#)

Yue Ma^{}, Yulong Liu^{*}, Xiangpeng Yang^{*}, Qifeng Chen*

ICLR 2026 In Submission

Industry experience

Baidu Research

Aug 2022 - Mar 2023

Beijing, China

Proposed a dynamic global-local (DGL) prompt tuning for T2V retrieval, surpassing full finetuning/PEFL methods with tuning only 0.83 MB parameters. Accepted at AAAI 2024. [\[paper\]](#) [\[video\]](#)

ByteDance AI Lab

May 2021 - Sep 2021

Beijing, China

Introduced momentum cross-modal contrastive learning for TikTok's search recommendations.

Selective Awards

- 2023-2027 UTS ARC Discovery Scholarship & International Research Scholarship
- 2020 Baidu AI Studio-Lane Recognition Algorithm Competition, Top 3/1020

Academic service

Regular Reviewer for Conferences

CVPR, ICLR, ICML, NeurIPS, ICCV, ECCV