Yangyang Xu

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EDUCATION

2020 - present	Wuhan University, Ph.D. in Computer Science School	(GPA: 4.0/3.92)
2017 - 2019	Wuhan University, M.S. in Computer Science School	(GPA: 4.0/3.48)
2012 - 2016	Henan University, B.E. in Physics and Electronics School	(GPA: 4.0/3.00)

INTERNSHIPS

JD Explore Academy   June. 2021 - Present

– Advised by Dr. Yibo Yang and Dr. Dacheng Tao working on computer vision research.

– Multi-task learning; Miniaturization of large visual models; Large language model for medical.

PUBLICATIONS

[1] **Xu, Yangyang**, Yibo Yang, and Lefei Zhang. "DeMT: Deformable Mixer Transformer for Multi-Task Learning of Dense Prediction". In: *AAAI* (2023).

[2] **Xu, Yangyang**, Yibi Yang, and Lefei Zhang. "Multi-Task Learning with Knowledge Distillation for Dense Prediction". In: *ICCV*. 2023.

[3] **Xu, Yangyang**, Xiangtai Li, Haobo Yuan, Yibo Yang, and Lefei Zhang. "Multi-Task Learning with Multi-query Transformer for Dense Prediction". In: *IEEE TCSVT* (2023).

[4] **Xu, Yangyang**, Zengmao Wang, and Jedi S Shang. "PAENL: personalized attraction enhanced network learning for recommendation". In: *Neural Computing and Applications* (2021).

[5] **Xu, Yangyang** and Lefei Zhang. "DGMLP: Deformable Gating MLP Sharing for Multi-Task Learning". In: *CICAI*. 2022.

[6] **Xu, Yangyang**, Yibi Yang, Lefei Zhang, and Bo Du. "Task Prior Attention Network for Multi-Task Learning of Dense Prediction". In: *Science China Information Sciences, **Under Review*** (2023).

[7] **Yangyang Xu**, Yibo Yang, Bernard Ghanem, Lefei Zhang, Du Bo, and Dacheng Tao. "Deformable Mixer Transformer with Gating for Multi-Task Learning of Dense Prediction". In: *IJCV, **Under Review*** (2023).

HONORS AND AWARDS

School of Computer Science, Wuhan University, General Forum for Doctoral Students (Third Prize)	(2023)
Outstanding Graduate Student Awards, Wuhan University	(2021)
Second scholarship, Wuhan University	(2021)
Shenzhen Stock Exchange Scholarship	(2021)

MISC

Academic Services:	ICLR; NeurIPS; ECCV; Neural Processing Letters; IEEE MultiMedia; The Journal of Supercomputing; IEEE Access
Skills:	Python, Pytorch, Latex, Vim