

# Yangyang Xu

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## EDUCATION

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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

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**JD Explore Academy** June. 2021 - Present

- Advised by Dr. Yibo Yang and Dr. Dacheng Tao working on computer vision research.
- Several research projects working on Multi-task Learning [1, 2, 3].

## PUBLICATIONS

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- [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 Ghanemm, 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

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Outstanding Graduate Student Awards, Wuhan University	(2021)
Second scholarship, Wuhan University	(2021)
Shenzhen Stock Exchange Scholarship	(2021)

## MISC

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Academic Services: NeurIPS 2023; ECCV2022; Neural Processing Letters; IEEE MultiMedia; The Journal of Supercomputing; IEEE Access

Skills: Python, Pytorch, Latex, Vim