

Yi Xu

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Education Background

Fudan University

Ph.D. Student in Software and Theory of Computer

Advisor: Prof. Shuigeng Zhou

Shanghai Key Lab of Intelligent Information Processing

Shanghai, China

Sept.2017. - Now

Shanghai University

B.S. Student in Computer Science and Technology

Advisors in ACM-ICPC: Prof. Yunfu Shen and Prof. Weimin Li

Overall GPA: 3.82/4.0 | Major GPA: 3.92/4.0 | Ranking: 1/301

Shanghai, China

Sept.2013. - Jun.2017

Publications

Peer-Reviewed Publications

- **Yi Xu**, Fan Bai, Yingxuan Shi, Qiuyu Chen, Longwen Gao, Kai Tian, Shuigeng Zhou, Huyang Sun
GIF Thumbnails: Attract More Clicks to Your Videos
in Association for the Advancement of Artificial Intelligence (AAAI), 2021.
- Qiuyu Chen, Wei Zhang, Ning Zhou, Peng Lei, **Yi Xu**, Yu Zheng, Jianping Fan
Adaptive Fractional Dilated Convolution Network for Image Aesthetics Assessment
in Computer Vision and Pattern Recognition (CVPR), 2020.
- Kai Tian, **Yi Xu**, Shuigeng Zhou
Network as Regularization for Training Deep Neural Networks: Framework, Model and Performance
in Association for the Advancement of Artificial Intelligence (AAAI), 2020.
(Oral Presentation)
- Zekun Ye, Weijie Deng, Shuigeng Zhou, **Yi Xu**, Jihong Guan
Optimal Trade Execution Based on Deep Deterministic Policy Gradient
in International Conference on Database Systems for Advanced Applications (DASFAA), 2020.
- **Yi Xu**, Longwen Gao, Kai Tian, Shuigeng Zhou, Huyang Sun
Non-Local ConvLSTM for Video Compression Artifact Reduction
in International Conference on Computer Vision (ICCV), 2019.
- Kai Tian, **Yi Xu**, Shuigeng Zhou, Jihong Guan
Versatile Multiple Choice Learning and Its Application to Vision Computing
in Computer Vision and Pattern Recognition (CVPR), 2019.
- Fan Wu, Shuigeng Zhou, Kang Wang, **Yi Xu**, Jihong Guan and Jun Huan
Simple is Better: A Global Semantic Consistency Based End-to-End Framework for Effective Zero-Shot Learning
in Pacific Rim International Conferences on Artificial Intelligence (PRICAI), 2019
(Oral Presentation)
- **Yi Xu**, Zhi Zhuang, Weimin Li, Xiaokang Zhou
Effective community division based on improved spectral clustering
in NeuroComputing, 2018.

Under Review

- Music to dancing video generation

Selected Awards

- Intel Fellowship 2019
- ACM-ICPC World Finals, Honorable Mention 2016, 2017
- ACM-ICPC Asia Regional Programming Contest (3 Gold, 3 Silver Medals) 2014 - 2016

Internship Experience

DAMO Academy, Alibaba *Oct. 2020 – Now*

Research Intern (Supervisor: Dr. Jiandong Ding)

- Data programming

AI Technology Department, Bilibili *Oct. 2017 – Sept. 2020*

Research Intern (Supervisor: Dr. Longwen Gao)

- Video quality enhancement.
- Video summarization.
- Efficient semantic segmentation.

Bing Ads group, Microsoft *Jul. 2016 – Oct. 2016*

Summer Intern (Supervisor: Dr. Qiefeng Wang)

- New keyword bid estimation for advertisers.

Academic Services

Teaching Assistant

- Computational Geometry (Prof. Yufei Tao, CUHK) 2019 Summer
- C Programming (Prof. Shuigeng Zhou, Fudan) 2017 Fall

Conference Reviewer

- CVPR 2020
- BMVC 2020
- WACV 2020
- ACCV 2020

Computer Skills

- Languages: C/C++, Python
- Deep Learning Framework: Pytorch