

Yuning You

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EDUCATION

Texas A&M University, College Station

Aug 2019 - Present

Ph.D. student in Electrical Engineering

Shen Lab, supervision by Prof. Yang Shen

Xian Jiaotong University, Xi'an

Aug 2015 - Jun 2019

Bachelor of Engineering in Information Engineering

RESEARCH INTERESTS

Graph machine learning and self-supervised learning.

PROFESSIONAL EXPERIENCE

Voluntary Research Assistant

May 2019 - Aug 2019

Intelligence Science and System Lab (iSEE) at Sun Yat-Sen University, Guangzhou

Supervisor: Prof. Wei-Shi Zheng

Research topics: Graph convolutional networks, skeleton-based action recognition

Voluntary Research Assistant

Jul 2018 - Aug 2018

Optical+Biomedical Engineering Laboratory (OBEL) at The University of Western Australia, Perth

Supervisors: Dr. Karol Karnowski & Prof. Barry Cense

Research topic: Optical coherence tomography

PUBLICATION

Y. You*, T. Chen*, Z. Wang, Y. Shen. “When Does Self-Supervision Helps Graph Convolutional Networks?”, *International Conference on Machine Learning (ICML)*, 2020 .

Y. You*, T. Chen*, Z. Wang, Y. Shen. “L²-GCN: Layer-Wise and Learned Efficient Training of Graph Convolutional Networks”, *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2020.

Y. You and G. Lv. “Sphere Bounding Scheme for Probabilistic Robust Constructive Interference Precoding in MISO Downlink Transmission”, *arXiv preprint:1903.04740*, Mar 2019.

G. Yang, **Y. You**, Z. Lu, J. Yang, Y. Wang. “An Optimization Approach of Compressive Sensing Recovery Using Split Quadratic Bregman Iteration with Smoothed L₀ Norm”, *IEEE International Conference on Image Processing, Applications and Systems (IPAS)*, pp. 226-231, Dec 2018.

HONORS AND AWARDS

Electrical and Computer Engineering PhD Merit Fellowship, Texas A&M University

Feb 2019

1st Prize in Shaanxi at Contemporary Undergraduate Mathematical Contest in Modeling, China Society for Industrial and Applied Mathematics

Dec 2016