Gong, Xinyu — Curriculum Vitae

Contact Information

Texas A&M University
College Station, TX 77843

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Education

Texas A&M University (TAMU)

Department of Computer Science and Engineering — From Aug. 2018

- Ph.D. student, advised by Dr. Zhangyang Wang.

University of Electronic Science and Technology of China (UESTC)

Yingcai Honors College — Sept. 2014 to Jun. 2018

- BEng degree in Computer Science and Technology

Research Interests

Computer vision: neural style transfer, pose estimation.
Meta-learning: neural architecture search.

Research Experience

Research Intern — May. 2019 to Aug. 2019
Applied AI Lab, Horizon Robotics Inc.
Supervisors: Yuan Li, M.S.; Xianming Liu, Ph.D.; Qian Zhang, Ph.D.
Research topics: Neural architecture search.

Research Assistant — From Aug. 2018
Visual Informatics Group, TAMU
Supervisor: Zhangyang Wang, Ph.D.
Research topics: Neural architecture search.

Research Intern — Sept. 2017 to Jun. 2018
Computer Vision Center, Tencent AI Lab
Supervisors: Haozhi Huang, Ph.D.; Lin Ma, Ph.D.; Wei Liu, Ph.D.
Research topics: Stereoscopic neural style transfer, pose estimation.

Research Assistant — Jan. 2017 to Sept. 2017
Center for Future Media, UESTC
Supervisor: Fumin Shen, Ph.D.
Research topics: Neural style transfer

Research Assistant — Apr. 2016 to Jan. 2017
School of Electronic Engineering, UESTC
Supervisor: Yan Chen, Ph.D.
Research topic: Estimation of Angle of Arival.

Publications

1. Chen, W., **Gong, X.**, Liu, X., Zhang, Q., Li, Y. & Wang, Z. "FasterSeg: Searching for Faster Real-time Semantic Segmentation". International Conference on Learning Representations (**ICLR**), 2020.
2. **Gong, X.**, Chang, S., Jiang, Y. & Wang, Z. "AutoGAN: Neural Architecture Search for Generative Adversarial Networks". In Proceedings of the International Conference on Computer Vision (**ICCV**), 2019.
3. Jiang, Y. and **Gong, X.** *et al.*. "EnlightenGAN: Deep Light Enhancement without Paired Supervision". Arxiv preprint. 2019.
4. Liu, R., Liu, Y., **Gong, X.**, Wang, X., & Li, H. "Conditional Adversarial Generative Flow for Controllable Image Synthesis". In Proceedings of the Conference on Computer Vision and Pattern Recognition (**CVPR**), 2019.
5. **Gong, X.**, Huang, H., Ma, L., Shen, F., Liu, W. & Zhang, T. "Neural Stereoscopic Image Style Transfer". *In Proceedings of European Conference on Computer Vision* (**ECCV**), 2018.

6. Zhang, D., He, Y., **Gong, X.**, Hu, Y., Chen, Y. & Zeng, B. "Multi-Target AOA Estimation using Wideband LFMCW Signal and Two Receiver Antennas". *IEEE Transactions on Vehicular Technology* (**TVT**), 2018.

SERVICES

Conference Service:

- Reviewer of CVPR 2020
- Reviewer of AAAI 2019