

Ziheng Zhang

EDUCATION BACKGROUND

ShanghaiTech University

MA. SC, Computer Science, School of Information Science and Technology

Shanghai, China

Sept. 2016-now

Xidian University

B.Eng., Aerospace Science and Technology

XiAn, China

Sept. 2012-Jun. 2016

PUBLICATIONS

Published

- **Ziheng Zhang**, , Zhengxin Li, Ning Bi, Jia Zheng, Jinlei Wang, Kun Huang, Weixin Luo, Yanyu Xu and Shenghua Gao. "PPGNet: Learning Point-Pair Graph for Line Segment Detection", in *The IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2019, pp. 7105-7114
- Dongze Lian*, **Ziheng Zhang***, Weixin Luo, Lina Hu, Minye Wu, Zechao Li, Jingyi Yu and Shenghua Gao. "RGBD Based Gaze Estimation via Multi-task CNN", in *In Thirty-Third AAAI Conference on Artificial Intelligence (AAAI-19)* (* equal contribution)
- **Ziheng Zhang***, Yanyu Xu*, Jingyi Yu and Shenghua Gao. "Saliency Detection in 360° Videos", in *The European Conference on Computer Vision (ECCV)*, 2018 (* equal contribution)

Submitted

- **Ziheng Zhang***, Anpei Chen*, Ling Xie, Jingyi Yu and Shenghua Gao . "Learning Semantics-aware Distance Map with Semantics Layering Network for Amodal Instance Segmentation" (* equal contribution, submitted to ACM MULTIMEDIA 2019)
- Yanyu Xu, Zhixin Piao, Wen Liu, **Ziheng Zhang**, Jingyi Yu and Shenghua Gao . "SUNNet: A Novel Framework for Simultaneous Human Parsing and Pose Estimation" (Submitted to The British Machine Vision Conference 2019)
- Anpei Chen, Zhang Chen, Guli Zhang, **Ziheng Zhang**, Kenny Mitchell and Jingyi Yu. "Photo-Realistic Facial Details Synthesis from Single Image" (Submitted to IEEE International Conference on Computer Vision 2019)

SKILLS

Extensive knowledge and experience of Linux, Python language, and could use Python packages including PyTorch, Numpy, OpenCV, Scikit-learn and so on fluently. Can also use some C, C++, matlab language and TensorFlow, Caffe framework.

AWARDS, ACHIEVEMENTS and More

- 2nd place in WebVision Challenge on Image Classification Task (Top University Team) 2017
- Outstanding Graduates (10/5107, Xidian University) June.2012
- Meritorious in Mathematical Contest in Modeling Mar.2012

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