

# Yanwei Li (李彦玮)

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## Education

**Institute of Automation, Chinese Academy of Sciences**

M.Phil, Computer Science, 2020 (excepted).

*Fields:* Computer Vision

**Central South University**

B.E., Automation & Mechanical Engineering, 2017.

## Publication

Lin Song\*, **Yanwei Li\***, Zeming Li, Gang Yu, Hongbin Sun, Jian Sun, Nan-ning Zheng, “Learnable Tree Filter for Structure-preserving Feature Transform”, Submitted to *NeurIPS*, 2019.

Jiabin Zhang, Zheng Zhu, Wei Zou, Peng Li, Hu Su, **Yanwei Li**, Guan Huang, “FastPose: Towards Real-time Pose Estimation and Tracking via Scale-normalized Multi-task Networks”, Submitted to *ICCV*, 2019.

**Yanwei Li**, Xinze Chen, Zheng Zhu, Lingxi Xie, Guan Huang, Dalong Du, Xingang Wang. “Attention-guided unified network for panoptic segmentation”, In *CVPR*, 2019. ([Paper](#))

Peng Li\* , Jiabin Zhang\* , Zheng Zhu\*, **Yanwei Li**, Lu Jiang, Guan Huang, “State-aware Re-identification Feature for Multi-target Multi-camera Tracking”, In *CVPR Workshop*, 2019. ([Paper](#))

**Yanwei Li**, Xingang Wang, Shilei Zhang, Lingxi Xie, Wenqi Wu, Hongyuan Yu, Zheng Zhu. “Identity-Enhanced Network for Facial Expression Recognition”, In *ACCV*, 2018. ([Paper](#))

## Competition

**COCO 2018** Panoptic Challenge, 2<sup>nd</sup> place ([Oral](#) in *ECCV Workshop*)  
**Yanwei Li\***, Naiyu Gao\*, Chaoxu Guo, Xinze Chen, Qian Zhang, Guan Huang, Xin Zhao, Kaiqi Huang, Dalong Du, Chang Huang

## Experience

**Megvii(Face++)**, *Research Intern*, 2019.01 - present

*Fields:* Network Architecture Search (NAS) and Semantic Segmentation.  
*Advisor:* Gang Yu

**Horizon Robotics**, *Research Intern*, 2018.04 - 2018.12

*Fields:* Panoptic Segmentation and Multiple Object Tracking.  
*Advisor:* Guan Huang

**IBM Research**, *Research Intern*, 2017.08 - 2018.01

*Fields:* Fine-grained Recognition.  
*Advisor:* Shilei Zhang

## Awards and Fellowships

**National Scholarship**, 2016

**National Encouragement Scholarship**, 2015

**First Prize Scholarship**, 2016