SHUAI SHAO

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EDUCATION

Jilin University, Changchun, China   *September 2013 - June 2017*
B.S. in Tangaoqing Honors Program in Computer Science.

HONORS AND AWARDS

The Gold Medal (2nd Place) of The 2013 ACM-ICPC Asia (Hangzhou) Regional Contest.
The 19th Place of The 2014 ACM-ICPC World Finals.
Top Winner of Places Instance Segmentation in COCO + Places 2017 Challenges, ICCV 2017.
Top Winner of WIDER Face in the WIDER Challenge, ECCV 2018.
Top Winner of ICDAR2019 Robust Reading Challenge on Arbitrary-Shaped Text. (as mentor)

EXPERIENCE

ByteDance   April 2020 - present
Senior Researcher / Lead Researcher   *Beijing, China*

Megvii Technology (Face++)   February 2017 - April 2020
Researcher / Senior Researcher   *Beijing, China*

PUBLICATIONS

Conferences

1. EVE: Efficient vision-language pre-training with masked prediction and modality-aware moe.
   Junyi Chen, Guo Longteng, Jia Sun, **Shuai Shao**, Zehuan Yuan, Liang Lin, Dongyu Zhang.
   AAAI, 2024.
2. MAMO: Masked Multimodal Modeling for Fine-Grained Vision-Language Representation Learning.
   Zijia Zhao, Longteng Guo, Xingjian He, **Shuai Shao**, Zehuan Yuan, Jing Liu.
   SIGIR, 2023.
3. Objects365: A Large-scale, High-quality Dataset for Object Detection.
   Shuai Shao*, Zeming Li*, Tianyuan Zhang*, Chao Peng*, Gang Yu, Xiangyu Zhang, Jing Li, Jian Sun.
   ICCV, 2019.
4. Shape Robust Text Detection with Progressive Scale Expansion Network.
   Wenhai Wang*, Enze Xie*, Xiang Li*, Wenbo Hou, Tong Lu, Gang Yu, **Shuai Shao**.
   CVPR, 2019.
5. Scene Text Detection with Supervised Pyramid Context Network.
   Enze Xie*, Yuhang Zang*, **Shuai Shao**, Gang Yu, Cong Yao, Guangyao Li.
   AAAI, 2019.
6. Repulsion Loss: Detecting Pedestrians in a Crowd.
   Xinlong Wang, Tete Xiao, Yuning Jiang, **Shuai Shao**, Jian Sun, Chunhua Shen.
   CVPR, 2018.

Journal

7. Birds of A Feather Flock Together: Category-Divergence Guidance for Domain Adaptive Segmentation.
   Bo Yuan, Danpei Zhao, **Shuai Shao**, Zehuan Yuan, Changhu Wang.
   IEEE Transactions on Image Processing, 2022.

Pre-prints

8. ChatBridge: Bridging modalities with large language model as a language catalyst.
   Zijia Zhao, Longteng Guo, Tongtian Yue, Sihan Chen, **Shuai Shao**, Xinxin Zhu, Zehuan Yuan, Jing Liu.
   arXiv:2305.16103, 2023.

9. CrowdHuman: A Benchmark for Detecting Human in a Crowd.
   Shuai Shao*, Zijian Zhao*, Boxun Li, Tete Xiao, Gang Yu, Xiangyu Zhang, Jian Sun.
   arXiv:1805.00123, 2018.

10. Object Detection via Aspect Ratio and Context Aware Region-based Convolutional Networks.
    Bo Li, Tianfu Wu, **Shuai Shao**, Lun Zhang, Rufeng Chu.
    arXiv:1612.00534, 2016.

    *indicates equal contribution.

PROFESSIONAL ACTIVITIES

Reviewer of IJCV, TIP, CVPR, ICCV, ECCV, ACM MM.

Organizer, Detection In the Wild Challenge Workshop (DIW) at CVPR2019.

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