

# SHUAI SHAO

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## EDUCATION

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**Jilin University, Changchun, China**

*September 2013 - June 2017*

B.S. in Tangaoqing Honors Program in Computer Science.

## HONORS AND AWARDS

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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

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**ByteDance**

April 2020 - present

*Lead Researcher*

*Beijing, China*

**Megvii Technology (Face++)**

February 2017 - April 2020

*Researcher*

*Beijing, China*

## PUBLICATIONS

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### 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

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

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

Last update: March, 2024