

# 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

## EXPERIENCE

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**Megvii Inc. (Face++)**

February 2017 - Present

*Senior Researcher*

*Beijing, China*

- Main work including pedestrian and vehicle detection, vehicle license-plates recognition, and vehicle brand recognition.
- My research interests focus on the Computer Vision and Object Detection, specifically on the topic of detection in a crowd.

**Jilin University**

May 2014 - June 2017

*Coach of ACM-ICPC Team*

*Changchun, China*

- I was responsible for the management and the organization of recruitment assessment, daily training and team decisions of ACM-ICPC Team.

**YunOS BU, Alibaba Group**

July 2016 - September 2016

*Algorithm Engineer (intern)*

*Beijing, China*

- Researched about General Object Detection.
- Submitted a paper to CVPR2017, but it was rejected.

**PalmWin Tech.**

January 2016 - April 2016

*Algorithm Engineer (intern)*

*Nanjing, China*

- Took part in optimizing and developing the algorithm of expression transfer project.
- Developed the voice-driven module and the emotion-driven module.

**YunOS BU, Alibaba Group**

July 2015 - September 2015

*Algorithm Engineer (intern)*

*Beijing, China*

- Reimplemented a paper result, *Show and Tell: A Neural Image Caption Generator*.

## HONORS AND AWARDS

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Top Winner of WIDER Face in the WIDER Challenge, ECCV 2018.

Top Winner of Places Instance Segmentation in COCO + Places 2017 Challenges, ICCV 2017.

The 19th Place of The 2014 ACM-ICPC World Finals.

The Gold Medal(2nd Place) of The 2013 ACM-ICPC Asia (Hangzhou) Regional Contest.

## PUBLICATIONS

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1. Wenhai Wang\*, Enze Xie\*, Xiang Li\*, Wenbo Hou, Tong Lu, Gang Yu, **Shuai Shao**. Shape Robust Text Detection with Progressive Scale Expansion Network. In *CVPR*, 2019.
2. Enze Xie\*, Yuhang Zang\*, **Shuai Shao**, Gang Yu, Cong Yao, Guangyao Li. Repulsion Loss: Detecting Pedestrians in a Crowd. In *AAAI*, 2019.
3. **Shuai Shao\***, Zijian Zhao\*, Boxun Li, Tete Xiao, Gang Yu, Xiangyu Zhang, Jian Sun. CrowdHuman: A Benchmark for Detecting Human in a Crowd. *arXiv preprint arXiv:1805.00123*, 2018.
4. Xinlong Wang, Tete Xiao, Yuning Jiang, **Shuai Shao**, Jian Sun, Chunhua Shen. Repulsion Loss: Detecting Pedestrians in a Crowd. In *CVPR*, 2018.
5. Bo Li, Tianfu Wu, **Shuai Shao**, Lun Zhang, Rufeng Chu. Object Detection via Aspect Ratio and Context Aware Region-based Convolutional Networks. *arXiv preprint arXiv:1612.00534*, 2016.

\*indicates equal contribution.

## PERSONAL TRAITS

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Love programming. Strong psychological diathesis. Good people management and communication skills. Able to work under high pressure and time limitation.

Last update: 03/30/2019