

# Yao Zhang

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Born: Oct 13, 1989— Xuzhou, Jiangsu, PRC

Nationality: Chinese

## Areas of specialization

- Optimization Theory, Algorithms and Applications.
- Mathematical Problems in Machine Learning.
- Image Processing and Computer Vision.
- Mathematical Problems in Astronomical Data Processing.

## Appointments held

2014-2016 Assistant Engineer, Wuxi Bishiden Technology Co. Ltd, Wuxi, China

## Education

2014.6 received the B.S. degree in Mathematics, Shenzhen University

2019.6 received the M.S. degree in Applied Mathematics, Shenzhen University

## Scholarly Exchange

2018.5 – 2018.11 Department of Mathematics, Southern Illinois University, Carbondale.

## Publications

### JOURNAL ARTICLES

2019 M. Li, Y. Zhang, M. Xiao, C. Xu and W. Zhang (2019). “On Schatten-q Quasi-Norm Induced Matrix Decomposition Model For Salient Object Detection ”, *Pattern Recognition* Volume 96, December 2019, 106975

### CONFERENCE ARTICLES

2017 Y. Zhang and M. Li (2017). *Motion Segmentation Using Collaborative Low-Rank and Sparse Subspace Clustering*, 2017 13th International Conference on Computational Intelligence and Security Hongkong, 2017

RECEIVED PAPER

2019

Y. Yang, M. Li and Y. Zhang. (2019), "Saliency Detection Based On Non-convex Weighted Surrogates", *The 3rd International Symposium on Image Computing and Digital Medicine* Xi'an, 2019