

# WENTAO BAO

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## EDUCATION

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**Rochester Institute of Technology**, Rochester, NY, USA *Sep. 2019 - Present*  
Ph.D. in Golisano College of Computing and Information Sciences  
Advisor: Prof. Yu Kong and Prof. Qi Yu (co-advisor)

**Wuhan University**, Wuhan, Hubei, China *Sep. 2016 - June 2019*  
Master's Degree from School of Remote Sensing & Information Engineering

**Wuhan University**, Wuhan, Hubei, China *Sep. 2012 - June 2016*  
Bachelor's Degree from School of Remote Sensing & Information Engineering

## INTERESTS & SKILLS

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<b>Research Interests</b>	Object Detection, Video Accident Analysis, Bayesian DL/ML
<b>R&amp;D Skills</b>	Computer Vision, Deep Learning, Android Development
<b>Deep Learning Libraries</b>	PyTorch, TensorFlow, Keras, Caffe, MXNet
<b>Programing Languages</b>	Python, Java, C/C++, Matlab, Git

## SELECTED PUBLICATIONS

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Junwen Chen, **Wentao Bao**, Yu Kong. Group Activity Prediction with Sequential Relational Anticipation Model. European Conference on Computer Vision (**ECCV**), 2020.

**Wentao Bao**, Qi Yu, Yu Kong. Object-Aware Centroid Voting for Monocular 3D Object Detection. IEEE/RSJ International Conference on Intelligent Robots and Systems (**IROS**), 2020.

Hanbin Hong, **Wentao Bao**, Yuan Hong, and Yu Kong. Privacy Attributes-aware Message Passing Neural Network for Visual Privacy Attributes Classification. International Conference on Pattern Recognition (**ICPR**), 2020.

**Wentao Bao**, Zhenzhong Chen. Human Scanpath Prediction based on Deep Convolutional Saccadic Model. **Neurocomputing**, vol. 404, pp. 154-164, Mar. 2020.

**Wentao Bao**, Bin Xu, Zhenzhong Chen. MonoFENet: Monocular 3D Object Detection with Feature Enhancement Networks. *IEEE Transactions on Image Processing* (**TIP**), vol. 29, pp. 2753-2765, Nov. 2019.

Daiqin Yang, **Wentao Bao**. Group Lasso based Band Selection for Hyperspectral Image Classification. *IEEE Geoscience and Remote Sensing Letters* (**GRSL**), vol. 14, no. 12, pp. 2438-2442, Nov. 2017.

## COMPETITIONS

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<b>1st Prize, Core Member</b> , Salient360! Visual Attention Modeling for 360° Content.	July 2018
<b>Bronze Award, Team Leader</b> , The 2nd China "Internet Plus" Competition (Hubei).	Dec. 2016
<b>2nd Prize, Core Member</b> , The 3rd National Graduate Contest on Smart-City.	Aug. 2016
<b>1st Prize, Core Member</b> , BigMM 2015 Challenge, Multiple-Camera Object Tracking.	Apr. 2015
<b>Meritorious Winner</b> , Mathematical Contest in Modeling (MCM).	Feb. 2015
<b>2nd Prize, Team Leader</b> , The 13th "SuperMap Cup" for National GIS Contest.	Dec. 2014

## SELECTED HONORS

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Excellent Graduated Student, Wuhan University. (top 5%)	May, 2019.
<u>China National Scholarship</u> for graduate students,	Oct. 2018.
The First-class Academic Scholarship, Wuhan University. (top 10%)	Oct. 2017 & 2018.
Outstanding Postgraduate Student, Wuhan University. (top 10%)	Dec. 2017 & 2018.
Advanced Individual, Wuhan University.	Jan. 2016