WENTAO BAO

R.I.T ⋄ Rochester, NY 14623, USA

(+1) · 585-504-9794 ⋄ wtbao2018@gmail.com

EDUCATION

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

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

SELECTED PUBLICATIONS

Wentao Bao, Qi Yu, Yu Kong. Uncertainty-based Traffic Accident Anticipation with Spatio-Temporal Relational Learning. 28th ACM International Conference on Multimedia (**MM**), 2020.

Junwen Chen, **Wentao Bao**, and Yu Kong. Activity-driven Weakly-Supervised Spatio-Temporal Grounding from Untrimmed Videos. 28th ACM International Conference on Multimedia (**MM**), 2020.

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

1st Prize, **Core Member**, Salient360! Visual Attention Modeling for 360° Content. July 2018

Bronze Award, **Team Leader**, The 2nd China "Internet Plus" Competition (Hubei). Dec. 2016

2nd Prize, **Core Member**, The 3rd National Graduate Contest on Smart-City. Aug. 2016

1st Prize, **Core Member**, BigMM 2015 Challenge, Multiple-Camera Object Tracking. Apr. 2015

Meritorious Winner, Mathematical Contest in Modeling (MCM). Feb. 2015

2nd Prize, **Team Leader**, The 13th "SuperMap Cup" for National GIS Contest. Dec. 2014

SELECTED HONORS

Excellent Graduated Student, Wuhan University. (top 5%) May, 2019.

China National Scholarship 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