

Wentao Bao | Curriculum Vitae

Wuhan University, Wuhan, Hubei Province, 430079

☎ +86 135 5405 1841 • ✉ wtbao2018@gmail.com

📁 cogito2012.github.io/homepage

Education

- Master Degree Candidate, Photogrammetry and Remote Sensing, *2016 – Now*
School of Remote Sensing and Information Engineering, **Wuhan University**
(Advisor: Professor Zhenzhong Chen, Associate, Professor Daiqin Yang)
- Bachelor Degree, Remote Sensing Science and Technology, *2012 – 2016*
School of Remote Sensing and Information Engineering, **Wuhan University**

Publications

- **W. Bao** and Z. Chen. Human Scanpath Prediction based on Deep Convolutional Saccadic Model. Submitted to IEEE Transactions on Neural Networks and Learning Systems.
- D. Yang and **W. Bao**. Group lasso-based band selection for hyperspectral image classification. IEEE Geoscience and Remote Sensing Letters, 14(12):2438–2442, Dec 2017. 7. (SCI, IF:2.761)
- Z. Chen, W. Liao, B. Xu, H. Liu, Q. Li, H. Li, C. Xiao, H. Zhang, Y. Li, **W. Bao**, and D. Yang. Object tracking over a multiple-camera network. In 2015 IEEE International Conference on Multimedia Big Data, pages 276–279, April 2015. 7.
- J. Xu, Y. Liu, **W. Bao**, and X. Liu. Vehicledistance warning on the highway based on smart phone platform's data fusion. In 2015 8th International Conference on Intelligent Computation Technology and Automation (ICICTA), pages 1097–1100, June 2015. 7.

Awards & Prizes

- **Student Prize**, ICME 2018 Salient360! Grand Challenge Winner, Visual Attention Modeling for 360 Images. *2018*
- **Third-Class Prize**, The 4th National Graduate Contest on Smart-City Technology and Creative Design, Abnormal Event Detection. *2017*
- **Bronze Award in Hubei Province**, The 2nd China College Students "Internet Plus" Innovation and Entrepreneurship Competition. *2016*
- **Second-Class Prize**, The 3rd National Graduate Contest on Smart-City Technology and Creative Design, Abnormal Event Detection. *2016*
- **First Prize**, IEEE BigMM 2015 Challenge: "Large-Scale Object Tracking over a Multiple-Camera Network". *2015*
- **Third-Class Prize**, The 14th "Challenge Cup" National Undergraduate Curricular Academic Science and Technology Contest on "Smart City". *2015*
- **Third prize**, The 13th "SuperMap Cup" National Undergraduate GIS Contest, Cloud Platform and Android Application Development. *2015*
- **Meritorious Winner**, Mathematical Contest in Modeling (MCM). *2015*

- **Second prize**, The 12th "SuperMap Cup" National Undergraduate GIS Contest, Android Application Development. 2014

Honors & Scholarships

- **Outstanding Postgraduate Student**, Wuhan University. 2017
- **The First-class Academic Scholarship**, Wuhan University. 2017
- **Excellent Graduate Freshman Scholarship**, Wuhan University. 2016
- **Advanced Individual**, Wuhan University. 2015

Technical Skills

- **Programming Languages**: Python, MATLAB, C/C++, Java.
- **Deep Learning Tools**: Caffe, Tensorflow, Keras, MXNet, MatConvNet.
- **Writing Skills**: Proficient in 'LaTeX' with English.

Research Interests

- **Computer Vision and Video Analytics**
Pedestrian/Object Detection and Tracking, Abnormal Event Detection, Vehicle Retrieval.
- **Computer Vision and Video Analytics**
3D Object Detection, Point Cloud Processing.
- **Image Processing and Understanding**
Saliency Prediction, Scanpath Prediction, Image Style Transfer.
- **Remote Sensing Applications**
Hyperspectral Images Processing, Remote Sensing Image Classification/Retrieval.