Huan Liu

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Research Interests

- **Data Mining and Machine Learning**
- **Multimedia Event Detection**
- **Public Opinion Analysis**

Education

- **Ph.D. Student:** Department of Computer Science and Technology, Xi'an Jiaotong University, 09/2013 - present.
  Supervisor: Prof. Qinghua Zheng

- **Visiting Student:** Department of Computer Science, University of North Carolina at Charlotte, 04/2015 - 04/2016.
  Supervisor: Prof. Yong Ge

- **Bachelor degree of Engineering:** Department of Computer Science and Technology, Xi'an Jiaotong University, 09/2009 - 07/2013.

Publications

- **Huan Liu**, Qinghua Zheng, Minnan Luo, Dingwen Zhang, Xiaojun Chang, Deng Cheng. How Unlabeled Web Videos Help Complex Event Detection? In IJCAI, 2017, 4040–4046.

- **Huan Liu**, Yong Ge, Qinghua Zheng, Rongcheng Lin, Huayu Li. Detecting Global and Local Topics via Mining Twitter Data. Neurocomputing, 2018, 273:120–132.

- **Huan Liu**, Qinghua Zheng, Zhihui Li, Tao Qin, Lei Zhu. An Efficient Multi-Feature SVM Solver for Complex Event Detection. Multimedia Tools and Applications, 2018, 77(3):3509–3532.

- Caixia Yan, Minnan Luo, **Huan Liu**, Zhihui Li, Qinghua Zheng. Top-k Multi-Class SVM Using Multiple Features. Information Sciences, 2018, 432:479–494.

- Zhen Peng, Minnan Luo, Jundong Li, **Huan Liu**, Qinghua Zheng. ANOMALOUS: A Joint Modeling Approach for Anomaly Detection on Attributed Networks. In IJCAI, 2018, accepted.

- Yanping Chen, Qinghua Zheng, Feng Tian, **Huan Liu**, Yazhou Hao, Nazaraf Shah, Exploring Open Information via Event Network, Natural Language Engineering, 2017, 24(2):199–220.

Project Experiences

- **National Natural Science Foundation of China**, SPKLSTN Lab, Xi'an Jiaotong University, 09/2013 - 07/2014.
  The relation extraction of Chinese named entity.

- **National Natural Science Foundation of China**, SPKLSTN Lab, Xi'an Jiaotong University, 07/2014 - 04/2015.
  The design and partial implementation of the public opinion analysis system.

- **National Key Research and Development Program of China**, SPKLSTN Lab, Xi'an Jiaotong University, 05/2017 - present.
  The detection of cross-modal events.

Honors

- **Student Travel Grant**, IJCAI, 2017.

- **Siyuan Scholarship**, Xi'an Jiaotong University, 2012.

- **Outstanding Student**, Xi'an Jiaotong University, 2012.