

# Huan Liu

Department of Computer Science and Technology, Xi'an Jiaotong University

☎ +86 18691486192 • ✉ huanliucs@gmail.com

🌐 <https://liulaha.github.io/>

No.28, Xianning West Road, Xi'an, Shaanxi, China, 710049

## 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.