

Qiaoyu Tan

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RESEARCH INTERESTS

Data mining and machine learning, with an emphasis on multi-label learning, semi-supervised learning, multi-view learning, matrix completion and dimensionality reduction

EDUCATION

Southwest University

B.S. in Computer Science and Technology (Summa Cum Laude)

GPA: overall 3.71/4; major 3.96/4 (Ranked 2nd in out of 38)

Supervisor: Guoxian Yu

Chongqing, P.R. China

Sep.2013 – Jul.2017

University of California, Berkeley

Summer Session Student in Computer Science

Studied discrete mathematics and probability

Berkeley, CA, USA

Jun.2015 – Aug.2015

PUBLICATIONS

Semi-Supervised Multi-Label Classification using Incomplete Label Information. *Neurocomputing*, 260: 192-202, 2017. **Qiaoyu Tan**, Yanming Yu, Yezi Liu, Guoxian Yu and Jun Wang.

Multi-Label Classification Based on Low Rank Representation for Image Annotation. *Remote Sensing*, 9(2): 109, 2017. **Qiaoyu Tan**, Yezi Liu, Xia Chen and Guoxian Yu.

Ensemble weak-label classification by maximizing dependency between label and feature (In Chinese). *Journal of Software*, 28(11): 2851-2864, 2017. **Qiaoyu Tan**, Guoxian Yu, Jun Wang and Maozu Guo.

RESEARCH PROJECTS

National Undergraduate Training Programs for Innovation and Entrepreneurship Project, Multi-label learning for large-scale high-dimensional data (201610635047), China, 14000RMB. **PI**

Southwest University Undergraduate Science and Technology Innovation Fund Project, The implement of image retrieval based on Java (20153601001), Southwest University, 1000RMB. **PI**

CONFERENCE/PRESENTATIONS

China Conference on Machine Learning (CCML2017), jointly organized by the China Artificial Intelligence Association and China Computer Federation (CCF), Tianjin, China, July 26-28, 2017. **Oral presentation**

China National Computer Congress (CNCC2016), organized by the China Computer Federation (CCF), Taiyuan, China, October 20-22, 2016.

PROFESSIONAL EXPERIENCE

Undergraduate Research Assistant

College of Computer and Information Science

Southwest University

- Focused on multi-* (view, label) learning and their applications
- Supervisor: Guoxian Yu.

2014 – present

SKILLS

Programming Language: Java, MATLAB, C, C++

System: Linux/Unix, Windows