Chongming Gao

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🖥 http://eagerming.com

Research Interests

Data Mining and Machine Learning, with a focus on leveraging graph analysis and clustering techniques, to a wide range of questions including spatio-temporal data analysis, pattern-based graph embedding, recommender system and so on.

Education

2016–Current	**University of Electronic Science and Technology of China**. M.Eng. in Department of Computer Science and Technology. Supervisor: Junming Shao.
2012–2016	**University of Electronic Science and Technology of China**. B.Eng. in *Yingcai Honors College*. Supervisor: Junming Shao, since the junior year. Thesis: Synchronization-inspired Co-clustering and Its Application to Gene Expression Data.

Researches

Accepted	**Synchronization-inspired Co-clustering and Its Application to Gene Expression Data**. Junming Shao, Chongming Gao, Wei Zeng, Jingkuan Song, Qinli Yang *IEEE International Conference on Data Mining* (**ICDM'17**)
Under Review	**Semantic Trajectory Representation and Retrieval via Hierarchical Embedding**. Chongming Gao, Chen Huang, Zhong Zhang, Qinli Yang, Junming Shao Submitted to *Data Mining and Knowledge Discovery* (**DMKD**), still under review.
Under Review	**Semantic Trajectory Compression via Multi-resolution Synchronization-based Clustering**. Chongming Gao, Yi Zhao, Ruizhi Wu, Qinli Yang, Junming Shao Submitted to *Knowledge-Based Systems* (**KBS**), still under review.
To Be Submitted	**AntClu: Any-time Trajectory Clustering via Dynamic Trend Representation**. Yi Zhao, Chongming Gao, Ruizhi Wu, Qinli Yang, Junming Shao
To Be Submitted	**STAR: A Space-Time Architecture for Semantic Trajectory Representation**. Junming Shao, Weiwen Xu, Honglian Wang, Ruizhi Wu, Chongming Gao, Qinli Yang
To Be Submitted	**Correlation Clustering via Low-Rank Segmentation Model**. Zhong Zhang, Chongming Gao, Qinli Yang, Junming Shao

Awards

2016	**Rank No.1** in Undergraduate Thesis Defense of UESTC. Outstanding graduation thesis award.
2016	*Honorary Graduate* of UESTC. Top 10 in Yingcai Honors College.
2014	*Meritorious Winner* for CSIAM's China Undergraduate Mathematical Contest in Modeling.
2013	*First Prize* in Sichuan Contest District in China Undergraduate Mathematical Contest in Modeling.
2012	*Tang Lixin Scholarship* of UESTC. Top 60 out of over 25,000 undergraduate and graduate students.
2012	**Rank No.1** in entering UESTC from Yunnan Province (Score: 614).

Computer Skills

Programming	Java, Matlab, Python, C/C++, LaTeX, HTML5+CSS3+Javascript
Prototyping	Adobe Illustrator, Adobe Photoshop

Interests

Reading, Jogging, Diving, Climbing, Photography, Drawing.