GANG HU

GENERAL INFORMATION

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EDUCATION

University of Electronic Science and Technology of China (UESTC)   Sep.2016 – Present
Master
Computer Science

University of Electronic Science and Technology of China (UESTC)   Sep.2012 – Jun.2016
Bachelor
Computer Science

RESEARCH INTERESTS

- Social Media Mining, Computer Vision and High Dimensional Indexing.

EXPERIENCES

Web Sciences Center, UESTC, supervised by Prof. Hu Xia   Jun.2013 – Jun.2014

- Collecting papers and building a paper database
- Analyzing and mining the collected paper databse

Center for Future Media, UESTC, supervised by Prof. Jie Shao   Jun.2014 – Present

- Research

Chengdu Koalayouran Technology Co., Ltd.   Mar.2017 – Dec.2017

- Research on face detection and face recognition (LFW val-rate: 99.01%)
- Train gender recognition (IMDB gender classification test accuracy: 96%), age recognition and facial expression recognition (fer2013 emotion classification test accuracy: 66%) model
- Building the face detection, face recognition, gender recognition, age recognition and facial expression recognition system for Koala Robot
- Building the face detection and face recognition system for Koala Access Control System

Alibaba Group   Mar.2018 – Present

- Research on person re-identification (Market1501 rank@1: 96.01%)

MAIN PROJECTS

- Big Media Content Analysis and Retrieval in Mobile Interactive Environment, Key Project funded by National Natural Science Foundation of China (No. 61632007), 2017-2021. Principal Investigator
- Research on Travel Trajectory Semantic Enhancement, Mining and Recommendation in Social Media, General Project funded by National Natural Science Foundation of China (No. 61672133), 2017-2020. Principal Investigator

HONORS AND AWARDS

- The First Prize Scholarship, UESTC   Sep.2017
- National Postgraduate Scholarship, UESTC   Sep.2017

- Student Travel Grant, SIGIR   Aug.2017
- The First Prize Scholarship, UESTC   Sep.2016
- National Postgraduate Scholarship, UESTC   Sep.2016
- Outstanding Undergraduate Dissertation, UESTC   Jun.2016
- Student Travel Grant, ACM MM   Oct.2015
- The Third Prize Scholarship, UESTC   Sep.2015
- The Third Prize Scholarship, UESTC   Sep.2014
- National Scholarship for Encouragement, UESTC   Sep.2013

INVITED JOURNAL REVIEWER

- IEEE Transactions on Knowledge and Data Engineering
- IEEE Transactions on Circuits and Systems for Video Technology
- Computational Intelligence
- Information Sciences
- Recent Patents on Computer Science

PROGRAM COMMITTEE MEMBER

- The Eleventh International Conference on Creative Content Technologies (CONTENT 2019)
- The Tenth International Conference on Creative Content Technologies (CONTENT 2019)
- The Eighth International Conference on Advances in Information Mining and Management (IMMM 2018)
- The 2nd International Conference on Computer Science and Application Engineering (CSAE 2018)

PUBLICATIONS

- Jie Shao, **Gang Hu**, Jingkuan Song, Xueliang Liu, and Heng Tao Shen, *Towards Accurate Georeferenced Video Search with Camera Field of View Modeling*, IEEE Transactions on Circuits and Systems for Video Technology (TCSVT), 2018. (**CCF B**)
- **Gang Hu**, Jie Shao, Zhiyang Ni, and Dongxiang Zhang. *A Graph Based Method for Constructing Popular Routes with Check-ins*, World Wide Web Internet and Web Information Systems (WWWJ), 2017. (**CCF B**)
- **Gang Hu**, Jie Shao, Fumin Shen, Zi Huang, and Heng Tao Shen. *Unifying Multi-Source Social Media Data for Personalized Travel Route Planning*, ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR), 2017. (**CCF A**)
- **Gang Hu**, Jie Shao, Fenglin Liu, Yuan Wang, and Heng Tao Shen. *IF-Matching: Towards Accurate Map-Matching with Information Fusion (Extended Abstract)*, IEEE International Conference on Data Engineering (ICDE), 2017. (**CCF A**)
- **Gang Hu**, Jie Shao, Dongxiang Zhang, Yang Yang, and Heng Tao Shen. *Preserving-Ignoring Transformation based Index for Approximate k Nearest Neighbor Search*, IEEE International Conference on Data Engineering (ICDE), 2017. (**CCF A**)
- **Gang Hu**, Jie Shao, Fenglin Liu, Yuan Wang, and Heng Tao Shen. *IF-Matching: Towards Accurate Map-Matching with Information Fusion*, IEEE Transactions on Knowledge and Data Engineering (TKDE), 2016. (**CCF A**)
- **Gang Hu**, Jie Shao, Lianli Gao and Yang Yang. *Exploring Viewable Angle Information in Georeferenced Video Search*. ACM International Conference on Multimedia (MM), 2015. (**CCF A**)
- Yan Dai, Jie Shao, **Gang Hu**, and Long Guo. *A Resource-aware Approach for Authenticating Privacy Preserving GNN Queries*, World Wide Web Internet and Web Information Systems (WWWJ), 2017. (**CCF B**)
- Dongyang Zhang, Jie Shao, **Gang Hu**, and Lianli Gao. *Sharp and Real Image Super-Resolution Using Generative Adversarial Network*, International Conference Neural Information Processing (ICONIP), 2017. (**CCF C**)

- Bo Wang, Jie Shao, Chengkun He, and **Gang Hu**. *Spatial Verification via Compact Words for Mobile Instance Search*, International Conference on Multimedia Modelling (MMM), 2017. (**CCF C**)
- Jie Chen, Chengkun He, **Gang Hu**, and Jie Shao. *SELSH: A Hashing Scheme for Approximate Similarity Search with Early Stop Condition*, International Conference on Multimedia Modelling (MMM), 2016. (**CCF C**)