简历（CV）

姓名(Name): 闵巍庆 (Weiqing Min)
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教育经历 (Education)

- **Ph.D**, Pattern Recognition and Intelligent System, Institute of Automation, Chinese Academy of Sciences (CAS) , University of CAS 2010.9–2015.7
  Advisor: Prof. Changsheng Xu
- **M.S.**, Communication and Information System, Wuhan University 2008.9–2010.7
  Advisor: Prof. Qinghu Chen
- **B. S.**, Communication Engineering, Shandong Normal University 2004.9–2008.7

工作经历 (Working Experience)

- Associate Professor, Institute of Comp. Tech., Chinese Academy of Science 2018.9-Present
- Assistant Professor, Institute of Comp. Tech., Chinese Academy of Science 2017.8- 2018.9
- Postdoc, Institute of Comp. Tech., Chinese Academy of Science 2015.7–2017.8

基金资助 (Funding)

- Special Financial Grant from the China Postdoctoral Science Foundation. Social media data fusion and understanding based on multimodal attention networks, Principal Investigator（PI), No. 2017T100110. 2017-2018
- The First-Class General Financial Grant from the China Postdoctoral Science Foundation. Multi-modal spatio-temporal theme modeling for Internet landmark data mining and analysis, Principal Investigator（PI), No. 2016M590135. 2016-2017
- Beijing Natural Science Foundation (BJNSF) for Youths. Fine-grained video description generation, Principal Investigator（PI), No. 4174106. 2017-2018
- National Natural Science Foundation of China (NSFC) for Youths. Social context-based multi-modal fusing, Principal Investigator（PI), No. 61602437. 2017-2019
- General Program of National Natural Science Foundation of China (NSFC). Multimodal Scene Analysis and Geographic Location Prediction, Principal Investigator（PI), No. 61972378. 2020-2023
- Joint Program of National Natural Science Foundation of China (NSFC). Models and Applications for Sample Generation and Target Recognition in Complex Environment (Subproject Investigator), No. U19B2040. 2020-2023

研究领域 (Research Area)

- 多媒体内容分析、理解与应用 (Multimedia Content Analysis, Understanding and Applications)
- 食品计算 (Food Computing)

- 地理多媒体计算 (Geo-Multimedia Computing)

论文获奖(Paper Award)

- Best Paper Award, IEEE Multimedia Magazine, 2017.
- Best Paper Award, ACM Trans. on Multimedia Computing, Communications, and Applications, 2016

学术服务(Academic Service)

- CCF TCMT, Technical Committee Member & Secretary
- Leading Guest Editor: IEEE Multimedia Magazine, Special issue on "Urban Multimedia Computing: Emerging Methods in Multimedia Computing for Urban Data Analysis and Applications", 2020 (In Progress).
- Leading Guest Editor: Multimedia Tools and Applications, Special issue on "Highly Effective and Efficient Multimedia Processing Methods and Applications", 2017-2018.
- Guest Editor: Neurocomputing, Special issue on "Deep Neural Networks for Emerging Multimedia Computing and Applications", 2017-2018.
- Special Session Organizers: PCM2017, Special session on "Multimedia Analysis and Applications from Multiple Social Networks"
- Special Session Organizers: MMSP2015, Special session on "Multimedia Big Data Analysis and Retrieval "
- Serve as one Organizing Committee Member of the following conferences:
  - Student Travel Grant Chair, ACM MM Asia2019
  - Area Chair, ACM MM Asia2019
  - Publication Chair, ICIMCS2018
  - Financial Chair, PCM2017
  - Financial Chair, ICIMCS2015
- Serve as one Program Committee Member of the following conferences:
  - ACM Multimedia 2018/2019/2020
  - AAAI2018/2019/2020
  - IJCAI2017/2018/2019/2020
  - ICMR2020
  - ICME2020
  - ICIP2017/2018
  - MMM2018/2019/2020
  - BigMM2018
- Serve as one Reviewer of the following journals :
  - IEEE Trans. on Multimedia
  - IEEE Trans. on Circuits and Systems for Video Technology
  - IEEE Trans. on Neural Network and Learning System
  - IEEE Trans. on Cybernetics
  - IEEE Trans. on Systems, Man, and Cybernetics: Systems

- IEEE Trans. on Emerging Topics in Computing
- ACM Trans. on Multimedia Computing Communications and Applications
- IEEE Multimedia Magazine
- IEEE Access
- Patterns (Cell Press)
- Food & Function (Royal Society of Chemistry)

受邀报告(Invited Talks)

- Few-Shot Food Image Recognition, Young Researcher Forum, ICIG2018
- Geo-Multimedia Analysis and Applications, Young Researcher Forum, ICIMCS2017
- Exploring Rich Recipe Information for Cross-Region Food Analysis, Academic Salon Activities, CCF Multimedia Committee 2017

代表性论文(Selected Publications)

期刊(Journal) (*代表通讯作者(*denotes Correspondence Author))

1. **Weiqing Min**, Shuqiang Jiang, Linhu Liu, Yong Rui and Ramesh Jain. A Survey on Food Computing. ACM Computing Surveys (CSUR) 52(2): 92:1–92:36, 2019
2. **Weiqing Min**, Shuhuan Mei, Zhuo Li and Shuqiang Jiang. A Two-Stage Triplet Network Training Framework for Image Retrieval. IEEE Trans. on Multimedia. Accepted (2020)
3. **Weiqing Min**, Shuqiang Jiang, Ramesh C. Jain. Food Recommendation: Framework, Existing Solutions and Challenges. IEEE Trans. on Multimedia. Accepted (2020)
4. **Weiqing Min**, Shuhuan Mei, Linhu Liu, Yi Wang, and Shuqiang Jiang. Multi-Task Deep Relative Attribute Learning for Visual Urban Perception. IEEE Trans. on Image Processing 29(1): 657-669, 2020
5. **Weiqing Min***, Bing-Kun Bao, Shuhuan Mei, Yaohui Zhu, Yong Rui, Shuqiang Jiang. You Are What You Eat: Exploring Multi-modal and Multi-attribute Information from Recipes for Cross-Region Food Analysis. IEEE Trans. on Multimedia 20(4):950-964 (2018)
6. **Weiqing Min***, Shuqiang Jiang, Jitao Sang , Huayang Wang, Xinda Liu, Luis Herranz. Being a Super Cook: Joint Food Attributes and Multi-Modal Content Modeling for Recipe Retrieval and Exploration. IEEE Trans. on Multimedia 19(5): 1100-1113 (2017)
7. **Weiqing Min**, Bing-Kun Bao, Changsheng Xu. Cross-Platform Multi-Modal Topic Modeling for Personalized Inter-Platform Recommendation. IEEE Trans. on Multimedia 17(10): 1787-1801 (2015)
8. **Weiqing Min**, Changsheng Xu, Min Xu, Xian Xiao, Bing-kun Bao. Mobile Landmark Search with 3D Models. IEEE Trans. on Multimedia 16(3):623-636(2014)
9. **Weiqing Min**, Bing-kun Bao, Changsheng Xu. Multi-modal Spatio-Temporal Theme Modeling for Landmark Analysis. IEEE Multimedia 21(3): 20-29 (2014) (**2017 Best Paper Award**)
10. **Weiqing Min**, Bing-kun Bao, Changsheng Xu. An Incremental Probabilistic Model for Temporal Theme Analysis of Landmarks. Multimedia System Journal 22(4): 465-477 (2016)
11. **Weiqing Min**, Shuqiang Jiang, Shuhui Wang, et al. A Survey on Context-aware Mobile Visual Recognition. Multimedia System Journal 23(6): 647-665 (2017)
12. Yaohui Zhu, **Weiqing Min**, Shuqiang Jiang. Attribute-Guided Feature Learning for Few-Shot Image Recognition. IEEE Trans. on Multimedia. Accepted (2020)
13. Yanchao Zhang, **Weiqing Min***, Liqiang Nie, Shuqiang Jiang. Hybrid-Attention Enhanced Two-Stream Fusion Network for Video Venue Prediction. IEEE Trans. on Multimedia. Accepted (2020)
14. Shuqiang Jiang, **Weiqing Min**, Yongqiang Lyu, Linhu Liu. Few-Shot Food Recognition via Multi-View Representation Learning. ACM Trans. on Multimedia Computing, Communications, and Applications, 16, 3, Article 87, 20 pages (2020)
15. Shuqiang Jiang, **Weiqing Min**, Linhu Liu, Zhengdong Luo. Multi-Scale Multi-View Deep Feature Aggregation for Food Recognition. IEEE Trans. on Image Processing 29(1): 265-276, 2020

16. Lv Yongqiang, **Min Weiqing**, Duan hua, Jiang Shuqiang. Few-Shot Food Recognition via Triplet Network with Relation Network. Computer Science 47(1): 136-143 (2020)
17. Shuqiang Jiang, **Weiqing Min**, Shuhuan Mei. Hierarchy-Dependent Cross-Platform Multi-View Feature Learning for Venue Category Prediction. IEEE Trans. on Multimedia 21(6): 1609–1619(2019)
18. Bing-Kun Bao, **Weiqing Min**, Teng Li, Changsheng Xu. Joint Local and Global Consistency on Interdocument and Interword Relationships for Co-Clustering. IEEE Trans. Cybernetics 45(1): 15-28 (2015)
19. Bing-Kun Bao, Changsheng Xu, **Weiqing Min**, M. Shamim Hossain. Cross-Platform Emerging Topic Detection and Elaboration from Multimedia Stream. ACM Trans. on Multimedia Computing, Communications, and Applications 11(4): 54:1-54:21 (2015) (**2016 Best Paper Award**)

会议**(Conference)**

1. **Weiqing Min**, Linhu Liu, Zhiling Wang, Zhengdong Luo, Xiaoming Wei, Xiaolin Wei, Shuqiang Jiang. ISIA Food-500: A Dataset for Large-Scale Food Recognition via Stacked Global-Local Attention Network. ACM Multimedia 2020 (Accepted, CCF-A, Oral)
2. **Weiqing Min**, Linhu Liu, Zhengdong Luo, Shuqiang Jiang. Ingredient-Guided Cascaded Multi-Attention Network for Food Recognition. ACM Multimedia 2019: 1331-1339 (CCF-A)
3. **Weiqing Min**, Shuqiang Jiang, Shuhui Wang, Jitao Sang, Shuhuan Mei. A Delicious Recipe Analysis Framework for Exploring Multi-Modal Recipes with Various Attributes. ACM Multimedia 2017: 402-410 (CCF-A)
4. Shuqiang Jiang, **Weiqing Min**, Xue Li, Huayang Wang, Jian Sun, Jiaqi Zhou. Dual Track Multimodal Automatic Learning through Human-Robot Interaction. International Joint Conferences on Artificial Intelligence (IJCAI) 2017:4485-4491 (CCF-A)
5. Tianyu Zhang, **Weiqing Min**, Ying Zhu, Yong Rui, Shuqiang Jiang. An Egocentric Action Anticipation Framework via Fusing Intuition and Analysis. ACM Multimedia 2020 (Accepted, CCF-A, Oral)
6. Jing Wang, **Weiqing Min**, Sujuan Hou, Shengnan Ma, Yuanjie Zheng, Haishuai Wang, and Shuqiang Jiang. Logo-2K+: A Large-Scale Logo Dataset for Scalable Logo Classification. AAAI 2020: 6194-6201 (CCF-A, Spotlight)
7. Bing-Kun Bao, **Weiqing Min**, Jitao Sang, Changsheng Xu. Multimedia news digger on emerging topics from social streams. ACM Multimedia 2012: 1357-1358
8. Bing-Kun Bao, **Weiqing Min**, Ke Lu, Changsheng Xu. Social event detection with robust high-order co-clustering. International Conference on Multimedia Retrieval (ICMR) 2013: 135-142

专利**(Patent)**

1. 徐常胜 **闵巍庆** 鲍秉坤. 一种基于多媒体数据挖掘的地标信息检索方法. 授权号 ZL201210592957.0， 授权时间 2015 (Chinese Patent)
2. 徐常胜 **闵巍庆** 鲍秉坤. 一种基于多媒体数据挖掘的地标信息检索方法. 授权号 ZL201310451597.7， 授权时间 2017 (Chinese Patent)
3. 蒋树强 徐瑞邯 **闵巍庆** 贺志强. 图像标注方法和电子设备. 授权号 ZL201511001231.5， 授权时间 2019 (Chinese Patent)
4. 蒋树强 **闵巍庆** 刘林虎.一种训练食品图像分类模型的方法及图像分类方法. 申请号 201911152246.X 申请时间 2019.11.22 (Chinese Patent)
5. **闵巍庆** 吕永强 蒋树强. 小样本食品图像识别模型训练方法及食品图像识别方法 申请号：2019112321612 申请时间 2019.12.5 (Chinese Patent)
6. **闵巍庆** 王致岭 蒋树强. 基于多模态信息关联分析的食物推荐方法和系统. 申请号: 201911251785.9 申请时间 2019.12.9 (Chinese Patent)
7. 蒋树强 罗正东 **闵巍庆**. 一种多尺度融合的食品图像分类模型训练及图像分类方法. 申请号：2019113737606 申请时间 2020.8.12 (Chinese Patent)