

QINGQIU HUANG



PERSONAL DATA

PLACE, DATE OF BIRTH: Guangdong, China | 26 JAN 1994
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RESEARCH INTEREST: Computer Vision, Machine Learning

EDUCATION

AUG 2016 - CURRENT Ph.D Student in INFORMATION ENGINEERING
Multi-Media Lab, The Chinese University of Hong Kong, Hong Kong
GPA: 3.9 / 4.0
AUG 2012 - JULY 2016 B.S. Degree in AUTOMATION
Tsinghua University, China
GPA: 91 / 100 Ranking: 7 / 131

RESEARCH EXPERIENCE

AUG 2016 - CURRENT | **Movie Analysis**
Multi-Media Lab of CUHK
Develop AI techniques for movie analysis, including cast recognition, video retrieval, scene segmentation, cinematic style prediction, *etc.*

AUG 2018 - CURRENT | **Weakly-Supervised Learning**
Multi-Media Lab of CUHK
Focus on weakly-supervised learning for large-scale image recognition, including caption-supervised face recognition, transductive learning with GCN, *etc.*

SEP 2015 - APR 2016 | **Pedestrians Tracking**
Robotic Lab of Tsinghua University & SenseTime
Develop a pedestrians tracking algorithm for a self-balanced bicycle.

JULY 2015 - SEP 2015 | **Face Tracking**
Multi-Media Lab of CUHK
Propose a face tracking algorithm for mobile phone.

JAN 2014 - JULY 2015 | **Vision System for Robot**
Robotic Lab of Tsinghua University
Develop a vision system for a humanoid robot soccer player, including soccer detection and tracking, goat detection, field segmentation *etc.*

HONOR AND PRIZE

- AUG 2016 Hong Kong PhD Fellowship Awardee
- AUG 2015 Second Prize of Challenge-cup, Tsinghua University
- AUG 2014 Third Place in RoboCupSoccer-Humanoid, RoboCup 2014
- JAN 2014 National Scholarship
- JAN 2014 Scholarship of Science and Technology Innovation, Tsinghua University
- JAN 2013 Scholarship of Academic Excellence, Tsinghua University

PUBLICATION

- [1] Unifying Identification and Context Learning for Person Recognition
Qingqiu Huang, Yu Xiong, Dahua Lin
IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2018
- [2] Person Search in Videos with One Portrait Through Visual and Temporal Links
Qingqiu Huang, Wentao Liu, Dahua Lin
European Conference on Computer Vision (ECCV), 2018
- [3] Find and Focus: Retrieve and Localize Video Events with Natural Language Queries
Dian Shao*, Yu Xiong*, Yue Zhao, **Qingqiu Huang**, Yu Qiao, Dahua Lin
European Conference on Computer Vision (ECCV), 2018
- [4] A Graph-based Framework to Bridge Movies and Synopses
Yu Xiong, **Qingqiu Huang**, Linfeng Guo, Hang Zhou, Bolei Zhou, Dahua Lin
International Conference on Computer Vision (ICCV), 2019 (oral)
- [5] A Local-to-Global Approach to Multi-modal Movie Scene Segmentation
Anyi Rao, **Qingqiu Huang**, Yu Xiong, Linning Xu, Guodong Xu, Bolei Zhou, Dahua Lin
IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2020
- [6] MovieNet: A Holistic Dataset for Movie Understanding
Qingqiu Huang, Yu Xiong, Anyi Rao, Jiaze Wang, Dahua Lin
European Conference on Computer Vision (ECCV), 2020 (spotlight)
- [7] Caption-Supervised Face Recognition:
Training a State-of-the-Art Face Model without Manual Annotation
Qingqiu Huang, Lei Yang, Huaiyi Huang, Tong Wu, Dahua Lin
European Conference on Computer Vision (ECCV), 2020
- [8] Learn to Propagate Reliably on Massive Affinity Graphs
Lei Yang, **Qingqiu Huang**, Huaiyi Huang, Linning Xu, Dahua Lin
European Conference on Computer Vision (ECCV), 2020
- [9] A Unified Framework for Shot Type Classification based on Subject Centric Lens
Anyi Rao, Jiaze Wang, Xuekun Jiang, Linning Xu, **Qingqiu Huang**, Bolei Zhou, Dahua Lin
European Conference on Computer Vision (ECCV), 2020
- [10] Placepedia: Comprehensive Place Understanding with Multi-Faceted Annotations
Huaiyi Huang, Yuqi Zhang, **Qingqiu Huang**, Zhengkui Guo, Ziwei Liu, Dahua Lin
European Conference on Computer Vision (ECCV), 2020
- [11] Distribution-Balanced Loss for Multi-Label Classification in Long-Tailed Datasets
Tong Wu, **Qingqiu Huang**, Ziwei Liu, Yu Wang, Dahua Lin
European Conference on Computer Vision (ECCV), 2020 (spotlight)
- [12] Online Multi-modal Person Search in Videos
Jiangyue Xia, Anyi Rao, **Qingqiu Huang**, Linning Xu, Jiangtao Wen, Dahua Lin
European Conference on Computer Vision (ECCV), 2020

ACADEMIC SERVICE

- [1] Organizer of WIDER Face and Pedestrian Challenge 2018, workshop in conjunction of ECCV 2018.
- [2] Track Chair of WIDER Face and Person Challenge 2019, workshop in conjunction of ICCV 2019.
- [3] Reviewer of IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2019 & 2020.
- [4] Reviewer of IEEE International Conference on Computer Vision (ICCV), 2019.
- [5] Reviewer of Thirty-Fourth AAAI Conference on Artificial Intelligence (AAAI), 2020.
- [6] Reviewer of European Conference on Computer Vision (ECCV), 2020.