QING-YUAN JIANG

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EDUCATION

LAMDA group, Nanjing university, Nanjing. *Sept. 2014 - Sept. 2020*
Ph.D. candidate.
Supervisor: Dr. Wu-Jun Li.

Nanjing university, Nanjing. *Sept. 2010 - Jun. 2014*
Bachelor of Computer Science & Technology.

RESEARCH INTEREST

Machine Learning & Learning to Hash.
I am focusing on:

- Hash learning based large scale image/text/audio/video retrieval.
- Deep learning for image/text/audio/video retrieval.
- Binary descriptor learning.

PUBLICATIONS

CITATION: 500+, H-INDEX: 5, I10-INDEX: 5 google scholar

ExchNet: A Unified Hashing Network for Large-Scale Fine-Grained Image Retrieval. github page
- Quan Cui, Qing-Yuan Jiang, Xiu-Shen Wei, Wu-Jun Li, and Osamu Yoshie.
- *Proceedings of the European Conference on Computer Vision (ECCV)*, 2020.
- *CCF-B conference. Oral, top 2%.*

SVD: A Large-Scale Short Video Dataset for Near Duplicate Video Retrieval. project page
- Qing-Yuan Jiang, Yi He, Gen Li, Jian Lin, Lei Li and Wu-Jun Li.
- *Proceedings of the International Conference on Computer Vision (ICCV)*, 2019.
- *CCF-A conference.*

Deep Hashing for Speaker Identification and Retrieval.
- Lei Fan, Qing-Yuan Jiang, Ya-Qi Yu and Wu-Jun Li.
- *Proceedings of the Annual Conference of the International Speech Communication Association (INTERSPEECH)*, 2019.
- *CCF-C conference. Top conference of Speech Recognition.*

Discrete Latent Factor Model for Cross-Modal Hashing. github page
- Qing-Yuan Jiang and Wu-Jun Li.
- *Transaction on Image Processing*, 2019.
- *CCF-A journal.*

Deep Discrete Supervised Hashing. github page
- Qing-Yuan Jiang, Xue Cui and Wu-Jun Li.
- *Transaction on Image Processing*, 2018.
- *CCF-A journal.*

Asymmetric Deep Supervised Hashing. github page
- Qing-Yuan Jiang and Wu-Jun Li.
- *Proceedings of the AAAI Conference on Artificial Intelligence (AAAI)*, 2018.
- *CCF-A conference.*

Deep Cross-Modal Hashing. github page
- Qing-Yuan Jiang and Wu-Jun Li.
- *Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2017.
- *CCF-A conference, Citation: 221.*

Scalable Graph Hashing with Feature Transformation. github page
- Qing-Yuan Jiang and Wu-Jun Li.
- *Proceedings of the International Joint Conference on Artificial Intelligence (IJCAI)*, 2015.
- *CCF-A conference, Citation: 142.*

PREPRINT

Deep Multi-Index Hashing for Person Re-Identification.
- Ming-Wei Li, Qing-Yuan Jiang and Wu-Jun Li.
- *Arxiv.*, Link

On the Evaluation Metric for Hashing.
- Qing-Yuan Jiang, Ming-Wei Li and Wu-Jun Li.
- *Arxiv.*, Link

*** One new paper about fine-grained image retrieval was submitted to ECCV2020.**

- Joint work with MEGVII.

PROFESSIONAL SERVICES

Journal Reviewer.
- IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI).
- IEEE Transactions on Neural Networks and Learning System (TNNLS).
- IEEE Transactions on Image Processing (TIP).
- IEEE Transactions on Signal Processing (TSP).
- IEEE Transactions on Multimedia (TMM).

Conference Reviewer.
- AAAI-2020 (PC member), NeurIPS-2020.
- NeurIPS-2019, ICML-2019, AAAI-2019 (PC member).
- CVPR-2018, ACCV-2018.

INTERNSHIP EXPERIENCE

ByteDance AI Lab. *November, 2018∼April, 2019*
- Task: near-duplicate video retrieval.

SCHOLARSHIPS AND CERTIFICATES

Excellent Project Completion in the National Undergraduate Innovation Program. *June. 2014*

National Graduate Scholarship for Master Student. *Nov. 2015*

Talent Scholarship. *Nov. 2017*

National Graduate Scholarship for Ph.D. Student. *Nov. 2018*

Baidu Scholarships Nomination, 2018. *Nov. 2018*

SKILLS

Programming Language: python, matlab, LaTeX, C++, C, java.
Deep Learning ToolBox: pyTorch, matConvNet, TensorFlow.

LANGUAGES

Chinese: Mothertongue.
English: Fluent (CET-4 and CET-6)