

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 (INTER-SPEECH)*, 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, Citation: 50+*.

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: 200+*.

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: 100+*.

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](#)

Multiple Code Hashing for Efficient Image Retrieval.

- Ming-Wei Li, [Qing-Yuan Jiang](#) and Wu-Jun Li.
- *Arxiv*, [Link](#)

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.

- ICLR-2021, 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

SKILLS

Programming Language: python, matlab, L^AT_EX, C++, C, java.

Deep Learning ToolBox: pyTorch, matConvNet, TensorFlow.

LANGUAGES

Chinese: Mothertongue.

English: Fluent (CET-4 and CET-6)