

QING-YUAN JIANG

🌐 github.com/jiangqy 🔗 <https://jiangqy.github.io> ✉ jiangqy@lamda.nju.edu.cn
📍 163 Xianlin Avenue, Qixia District, Nanjing 210023, China ☎ (+86)-15996238593

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](#)

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, \LaTeX , C++, C, java.
Deep Learning ToolBox: pyTorch, matConvNet, TensorFlow.

LANGUAGES

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