

# QING-YUAN JIANG

🌐 [github.com/jiangqy](https://github.com/jiangqy)

🌐 <https://jiangqy.github.io>

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## EDUCATION

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**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

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**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

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**CITATION: 400+, H-INDEX: 5, I10-INDEX: 4**

[google scholar](#)

**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 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 32nd 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.*

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### Scalable Graph Hashing with Feature Transformation.

[github page](#)

- [Qing-Yuan Jiang](#) and Wu-Jun Li.
- *Proceedings of the Twenty-Fourth International Joint Conference on Artificial Intelligence (IJCAI)*, 2015.
- *CCF-A conference, Citation: 142.*

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## PREPRINT

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### Deep Multi-Index Hashing for Person Re-Identification.

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

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### On the Evaluation Metric for Hashing.

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

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

- Joint work with [MEGVII](#).

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## 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.

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## INTERNSHIP EXPERIENCE

### ByteDance AI Lab.

*November, 2018~April, 2019*

- Task: near-duplicate video retrieval.

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## SCHOLARSHIPS AND CERTIFICATES

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**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

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**Programming Language:** python, matlab, L<sup>A</sup>T<sub>E</sub>X, C++, C, java.  
**Deep Learning ToolBox:** pyTorch, matConvNet, TensorFlow.

## LANGUAGES

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