QING-YUAN JIANG

 https://github.com/jiangqy   https://jiangqy.github.io   ✉ qyjiang24@gmail.com

 Dongshan Avenue, Jiangning District, Nanjing 210023, China   📞 (+86)-15996238593

WORKING EXPERIENCE

HuaWei. *Since Sept. 2020*
Algorithm engineer.

EDUCATION

LAMDA group, Nanjing university, Nanjing. *Sept. 2014 - Sept. 2020*
Ph.D. of Computer Scientce & Technology.
Supervisor: Professor. 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:

- AI Generated Content.
- Multi-Modal Learning and Applications.
- Deep learning for image/text/audio/video retrieval.
- Hash learning based large scale image/text/audio/video retrieval.

PUBLICATIONS ([GOOGLE SCHOLAR](#))

SEMICON: A Learning-to-hash Solution for Large-scale Fine-grained Image Retrieval. *ECCV*, 2022
- Yang Shen, Xuhao Sun, Xiu-Shen Wei, Qing-Yuan Jiang, and Jian Yang.

ExchNet: A Unified Hashing Network for Large-Scale Fine-Grained Image Retrieval. *ECCV*, 2020
- Quan Cui, Qing-Yuan Jiang, Xiu-Shen Wei, Wu-Jun Li, and Osamu Yoshie.

SVD: A Large-Scale Short Video Dataset for Near Duplicate Video Retrieval. *ICCV*, 2019   project
- Qing-Yuan Jiang, Yi He, Gen Li, Jian Lin, Lei Li and Wu-Jun Li.

Deep Hashing for Speaker Identification and Retrieval. *INTERSPEECH*, 2019
- Lei Fan, Qing-Yuan Jiang, Ya-Qi Yu and Wu-Jun Li.

Discrete Latent Factor Model for Cross-Modal Hashing. *TIP*, 2019   github
- Qing-Yuan Jiang and Wu-Jun Li.

Deep Discrete Supervised Hashing. *TIP*, 2018   github
- Qing-Yuan Jiang, Xue Cui and Wu-Jun Li.

Asymmetric Deep Supervised Hashing. *AAAI*, 2018   github
- Qing-Yuan Jiang and Wu-Jun Li.

Deep Cross-Modal Hashing. *CVPR*, 2017   github

- Qing-Yuan Jiang and Wu-Jun Li.

Scalable Graph Hashing with Feature Transformation. *IJCAI*, 2015 github
- Qing-Yuan Jiang and Wu-Jun Li.

PREPRINT

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

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

Multiple Code Hashing for Efficient Image Retrieval.
- Ming-Wei Li, Qing-Yuan Jiang and Wu-Jun Li.

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-2021, ICLR-2021.
- AAAI-2020, NeurIPS-2020.
- NeurIPS-2019, ICML-2019, AAAI-2019.
- 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)