

# Qi Chen

Portfolio: [livreq.github.io](https://livreq.github.io)

Google Scholar

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## EDUCATION

- **Université Laval (GRAAL Lab)** Québec, Canada  
*Ph.D. - Computer Science, supervised by Prof. Mario Marchand* Sept. 2019 - Dec.2023 (estimated)
- **Institut Polytechnique de Paris (Télécom Paris)** Paris, France  
*Diplôme d'ingénieur (Master) - Computer Science; GPA:3.89/4.0* Sept. 2014 - Jul. 2016
- **Southeast University** Nanjing, China  
*Bachelor - Information Engineering; GPA:88.3/100* Sept. 2010 - Jun. 2014  
Chien-Shiung Wu Honors College (Talent Training Program in Electrical and Computer Engineering)

## PUBLICATIONS

- **Qi Chen**, Changjian Shui, Ligong Han, and Mario Marchand. "On the Stability-Plasticity Dilemma in Continual Meta-Learning: Theory and Algorithm." *Advances in Neural Information Processing Systems (NeurIPS)*, 2023.
- **Qi Chen**, and Mario Marchand. "Algorithm-Dependent Bounds for Representation Learning of Multi-Source Domain Adaptation." *International Conference on Artificial Intelligence and Statistics (AISTATS)*, 2023.
- **Qi Chen**, Changjian Shui, and Mario Marchand. (**Spotlight**, 3% of submissions)"Generalization Bounds for Meta-learning: An Information-theoretic Analysis." *Advances in Neural Information Processing Systems (NeurIPS)*, 2021.
- Changjian Shui, **Qi Chen**, Jiaqi Li, Boyu Wang, and Christian Gagné. "Fair Representation Learning through Implicit Path Alignment." *International Conference on Machine Learning (ICML)*, 2022.
- Changjian Shui, Gezheng Xu, **Qi Chen**, Jiaqi Li, Charles X. Ling, Tal Arbel, Boyu Wang, and Christian Gagné. "On learning fairness and accuracy on multiple subgroups." *Advances in Neural Information Processing Systems (NeurIPS)*, 2022.
- Changjian Shui, **Qi Chen**, Jun Wen, Fan Zhou, Christian Gagné, and Boyu Wang. "A novel domain adaptation theory with Jensen-Shannon divergence." *Knowledge-Based Systems*, 2022.

## INDUSTRIAL RESEARCH EXPERIENCE

- **Bytedance Inc., Risk Control** Shenzhen  
*Senior Researcher and Developer* May. 2019 - Sept. 2019
- **Baidu Inc., Emerging Business Group** Shenzhen  
*Senior Researcher and Developer* Jun. 2017 - May. 2019
- **Samsung Research China, Machine Learning Lab** Beijing  
*Junior Researcher* Dec. 2016 - Feb. 2017

## TEACHING AND RESEARCH SERVICE

- **TA**: GLO2100: Data Structure and Algorithm for Engineer, Laval University. 2019-202
- **Conference Reviewer**: AISTATS (2020, 2023, 2024); ICML (2022); NeurIPS (2022,2023); ICLR (2024)
- **Journal Reviewer**: TNNLS

## HONORS AND AWARDS

- Top Reviewers of NeurIPS 2022 (top 10%)
- Second prize of **National** Undergraduate Mathematical Contest in Modeling(CUMCM), top 8%: Sept. 2012
- Second prize of **Provincial** Undergraduate Electronic Design Contest (Texas Instrument Cup): Aug. 2012
- Excellence Award of **National** Student Innovation Training Program: May 2013
- Honor of **Academic Excellent** Undergraduate Student of Southeast University, top 3%: 2011, 2012, 2013
- Merit Undergraduate Student of Southeast University: 2011-2013
- Jin Sheng Enterprise Scholarship: 2012
- First prize of the Mathematical Contest in Modeling of Southeast University, top 0.5%: Jun.2012

## SKILLS SUMMARY

- **Programming**: Python, C++, SQL, JavaScript, Shell Script, JAVA, Scala, Matlab, etc...
- **Frameworks**: Latex, Pytorch, Sklean, Caffe, Tensorflow, Keras, Hadoop, Spark, Mecab, etc...
- **Tools**: Kubernetes, Docker, GIT, MySQL, SQLite
- **Language**: Chinese, English, French