Qi Chen

Portfolio: livreq.github.io

Google Scholar

Email: qi.chen.1@ulaval.ca

Mobile: +1-581-587-4895

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'ingenieur (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 (AISTASTS), 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, 2023); 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