Qiyang (Colin) Li

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Education

2020.08 – **Ph.D. in Computer Science**, *University of California, Berkeley*, Advisor: Sergey Levine.

2015.09 – 2020.05 **B.A.Sc. in Engineering Science (Major in Robotics Engineering)**, *University of Toronto*, B.A.Sc. Thesis Advisor – Roger Grosse.

Publications

2025 **Conference Paper**, Seohong Park **Qiyang Li**, Sergey Levine. Flow Q-Learning. In *International Conference on Machine Learning (ICML), 2025*.

2025 **Conference Paper**, Max Wilcoson* **Qiyang Li***, Kevin Frans, Sergey Levine. Leveraging Skills from Unlabeled Prior Data for Efficient Online Exploration. In *International Conference on Machine Learning (ICML), 2025*.

2025 **Conference Paper**, Charles Xu, **Qiyang Li**, Jianlan Luo, Sergey Levine. RLDG: Robotic Generalist Policy Distillation via Reinforcement Learning. In *Robotics Scienced and Systems (RSS), 2025*.

2025 **Conference Paper**, Zhiyuan Zhou*, Andy Peng*, **Qiyang Li**, Sergey Levine, Aviral Kumar. Efficient Online Reinforcement Learning Fine-Tuning Need Not Retain Offline Data. In *International Conference on Learning Representation (ICLR), 2025*.

2025 **Conference Paper**, Toru Lin, Yu Zhang*, **Qiyang Li***, Haozhi Qi*, Brent Yi, Sergey Levine, Jitendra Malik. Learning Visuotactile Skills with Two Multifingered Hands. In *International Conference on Robotics and Automation (ICRA), 2025*.

2023 **Conference Paper**, **Qiyang Li***, Jason Zhang*, Amy Zhang, Sergey Levine. Accelerating Exploration with Unlabeled Prior data. In *Advances in Neural Information Processing Systems (NeurIPS), 2023*.

2023 **Conference Paper**, **Qiyang Li***, Yuexiang Zhai*, Yi Ma, Sergey Levine. Understanding the Complexity Gains of Reformulating Single-Task RL with a Curriculum. In *International Conference on Machine Learning (ICML)*, 2023.

2023 **Conference Paper**, **Qiyang Li**, Aviral Kumar, Ilya Kostrikov, Sergey Levine. Efficient Deep Reinforcement Learning Requires Regulating Overfitting. In *International Conference on Learning Representations (ICLR)*, 2023.

2022 **Conference Paper**, **Qiyang Li**, Ajay Jain, Pieter Abbeel. AdaCat: Adaptive Categorical Discretization for Autoregressive Models. In *The Conference on Uncertainty in Artificial Intelligence (UAI)*, 2022.

2021 **Conference Paper**, Michael Janner, **Qiyang Li**, Sergey Levine. Offline Reinforcement Learning as One Big Sequence Modeling Problem. In *Advances in Neural Information Processing Systems (NeurIPS)*, 2019.

2019 **Conference Paper**, **Qiyang Li***, Saminul Haque*, Cem Anil, James R Lucas, Roger B Grosse, and Joern-Henrik Jacobsen. Preventing gradient attenuation in lipschitz constrained convolutional networks. In *Advances in Neural Information Processing Systems (NeurIPS)*, 2019.

2019 **Conference Paper**, Sicong Huang, **Qiyang Li**, Cem Anil, Xuchan Bao, Sageev Oore, and Roger B. Grosse. Timbretron: A Wavenet(CycleGAN(CQT(audio))) Pipeline for Musical Timbre Transfer. In *International Conference on Learning Representations (ICLR)*, 2019.

2019 **Conference Paper**, Keenan Burnett, Andreas Schimpe, Sepehr Samavi, Mona Gridseth, Chengzhi Winston Liu, **Qiyang Li**, Zachary Kroeze, and Angela P Schoellig. Building a winning self-driving car in six months. In *International Conference on Robotics and Automation (ICRA)*, 2019.

2017 **Conference Paper**, **Qiyang Li**, Jingxing Qian, Zining Zhu, Xuchan Bao, Mohamed K Helwa, and Angela P Schoellig. Deep neural networks for improved, impromptu trajectory tracking of quadrotors. In *International Conference on Robotics and Automation (ICRA)*, 2017.

Awards

- National Olympiad in Informatics, China: Silver Medal (2012); Canadian Computing Competition Final Stage: 2 Silver Medals and 1 Gold Medal (2013 – 2015)
- First-Year Summer Research Fellowship, Faculty of Applied Science & Engineering, University of Toronto; St. George Society Of Toronto Endowment Fund (2016); Kenneth Carless Smith Engineering Science Research Fellowship; Satinder Kaur Dhillon Memorial Scholarship (2017); Daisy Intelligence Scholarships In Engineering Science; Andrew Alexander Kinghorn Scholarship (2018); Berkeley Fellowship (2020)
- Outstanding reviewer (ICML 2025).