Rishabh Agarwal

Senior Research Scientist, Google Brain

✉ *rishabhagarwal467@gmail.com*
agarwl.github.io
Google Scholar

Education

Ph.D. **Mila, University of Montreal**,
Ph.D. in Artificial Intelligence, Advised by Marc Bellemare and Aaron Courville.

Bachelor's **Indian Institute of Technology Bombay**,
B.Tech. in Computer Science and Engineering, GPA: **9.67/10**,
All India Rank 33 in IIT-JEE Advanced amongst 1.3 million candidates.

Work Experience

2022 – Now **Senior Research Scientist (L5)**, Google Brain, Canada

2021 – 2022 **Research Scientist (L4)**, Google Brain, Canada

2018 – 2021 **AI Resident / Research Associate (L3)**, Google Brain, Canada

2018 **Research Intern**, RL Team, Waymo Research, UK

2017 **Intern**, Trading Team, Tower Research Capital, India

2016 **Intern**, Saavn, Search and Algorithms Team, India

Selected Publications

2022 *Agarwal et. al*, Reincarnating Reinforcement Learning: Reusing Prior Computation to Accelerate Progress. NeurIPS

2022 *Kumar, Agarwal, et. al*, DR3: Value-Based Deep Reinforcement Learning Requires Explicit Regularization. **Spotlight**, ICLR

2021 *Agarwal et. al*, Deep Reinforcement Learning at the Edge of Statistical Precipice, **Outstanding Paper Award** (Top 0.07%), NeurIPS.

2021 *Agarwal et. al*, Contrastive Behavioral Similarity Embeddings for Generalization in Reinforcement Learning, **Spotlight** (Top 3.8%), ICLR.

2020 *Agarwal et. al*, An Optimistic Perspective on Offline Reinforcement Learning, **Oral** (virtual), ICML. (330+ citations)

Academic Service

2022 **Area Chair**, *Asian Conference on ML.*

2019 – Now **Reviewer**, *NeurIPS, ICLR, and ICML. Outstanding / Top Reviewer at NeurIPS 2022, ICLR 2022, ICML 2021, 2020.*

2022 **Lead Organizer**, *ML Evaluation Standards Workshop at ICLR 2022.*

2020 - 2022 **Lead Organizer**, *Offline Reinforcement Learning Workshop at NeurIPS 2020, 2021, 2022.*

2015 - 2016 **Teaching Assistant**, *IIT Bombay*, CS 152, CS 293, PH 107.

Technical Skills and Awards

Outstanding Paper Award at NeurIPS 2021

Proficient in Python, JAX, Tensorflow, Pandas, Numpy, Git, LaTeX