

Jacob Buckman

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Education	PhD in Computer Science MCGILL UNIVERSITY (MILA)	2018 - Present Montreal, QC, Canada
	M.S. in Language Technologies CARNEGIE MELLON UNIVERSITY	2016 - 2017 Pittsburgh, PA
	B.S. in Computer Science (Minor Philosophy) CARNEGIE MELLON UNIVERSITY	2013 - 2017 Pittsburgh, PA
Employment	Quantitative Researcher MANIFOLD TRADING	2022 NYC, NY
	Research Intern MICROSOFT RESEARCH	2021 - 2022 Montreal, QC, Canada
	AI Resident GOOGLE BRAIN	2017 - 2018 San Francisco, CA
	Founder/Owner & Educational Director STONEHILL SAT TUTORING	2011 - 2018 Freehold, NJ
	Data Science Intern RIOT GAMES; MICROSOFT RESEARCH	Summer 2014; Summer 2016 Santa Monica, CA; Cambridge, MA
	The Importance of Pessimism in Fixed-Dataset Policy Optimization Jacob Buckman, Carles Gelada, Marc G. Bellemare. In <i>Ninth International Conference on Learning Representations</i> .	September 2020
Selected Publications	DeepMDP: Learning Continuous Latent Space Models for Representation Learning Carles Gelada, Saurabh Kumar, Jacob Buckman, Ofir Nachum, Marc G. Bellemare. In <i>The Thirty-sixth International Conference on Machine Learning</i> .	June 2019
	Sample-efficient Reinforcement Learning with Stochastic Ensemble Value Expansion Jacob Buckman, Danijar Hafner, George Tucker, Eugene Brevdo, Honglak Lee. In <i>Thirty-second Conference on Neural Information Processing Systems</i> . ORAL PRESENTATION	December 2018
	Neural Lattice Language Models Jacob Buckman, Graham Neubig. In <i>Transactions of the Association for Computational Linguistics</i> , Volume 6, pg 529-541.	August 2018
	Is Generator Conditioning Causally Related to GAN Performance? Augustus Odena, Jacob Buckman, Catherine Olsson, Tom B. Brown, Christopher Olah, Colin Raffel, Ian Goodfellow. In <i>The Thirty-fifth International Conference on Machine Learning</i> .	July 2018
	Thermometer Encoding: One Hot Way to Resist Adversarial Examples Jacob Buckman, Aurko Roy, Colin Raffel, Ian Goodfellow. In <i>The Sixth International Conference on Learning Representations</i> .	April 2018
Honors and Awards	Top Reviewer	ICML 2020
	Top Reviewer	NeurIPS 2019
	University Honors	Carnegie Mellon, 2017
	Senior Leadership Award	Carnegie Mellon, 2017
	Phi Beta Kappa	2017 - Present
	Yahoo! Scholar	2015 - 2017
	Yahoo! First Prize	CMU Meeting of the Minds, 2015