

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	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
Publications	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> . Virtual. https://arxiv.org/abs/2009.06799	September 2020
	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> . Long Beach, California. https://arxiv.org/abs/1906.02736	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> . Montreal, Canada. https://arxiv.org/abs/1807.01675 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. https://www.transacl.org/ojs/index.php/tacl/article/view/1261	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> . Stockholm, Sweden. http://proceedings.mlr.press/v80/odena18a.html	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> . Vancouver, Canada. https://openreview.net/forum?id=S18Su-CW	April 2018
	Transition-Based Dependency Parsing with Heuristic Backtracking Jacob Buckman, Miguel Ballesteros, and Chris Dyer. In <i>Proceedings of the 2016 Conference on Empirical Methods in Natural Language Processing</i> . Austin, Texas. https://aclweb.org/anthology/D16-1254 ORAL PRESENTATION	November 2016
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