

EDUCATION	2013 – Present	PhD, Computer Science Courant Institute, New York University Supervisor: Rob Fergus Research in machine learning, unsupervised learning, generative models, computer vision, reinforcement learning
	2008 – 2013	Honors B.Sc., Computer Science and Cognitive Science University of Toronto

WORK EXPERIENCE	June – Sept 2017	Research Intern, DeepMind <i>DeepMind</i> , London, UK Supervised by Oriol Vinyals and Simon Osindero
	June – Sept 2016	Research Intern, Facebook AI Research
	2015	<i>Facebook</i> , New York, NY
	2014	Supervised by Rob Fergus
	2011 – 2012	Informatics Researcher , Structural Genomics Consortium <i>Structural Genomics Consortium</i> , Toronto, Canada Supervised by Matthieu Schapira
	May – Sept 2011	Undergraduate researcher <i>University of Toronto</i> , Toronto, Canada Supervised by Richard Zemel

FELLOWSHIPS & AWARDS	2018	NYU Courant Institute Sandra Bleistein Prize
	2016 – 2018	Google PhD Fellowship
	2016	NYU Courant Institute Paul Garabedian Fellowship
	2016	NYU Courant Institute Jacob T. Schwartz Ph.D. Fellowship
	2015 – 2017	NSERC Postgraduate Scholarship - Doctoral
	2013 – 2018	NYU MacCracken Fellowship
	2013 – 2014	NSERC Postgraduate Scholarship - Masters
	2011	NSERC Undergraduate Student Research Award
	2010, 2011	University of Toronto Fraser Crawford In-Course Scholarship

PUBLICATIONS	Denton E , Fergus R. Stochastic Video Generation with a Learned Prior. <i>International Conference on Machine Learning (ICML)</i> , 2018.
	Raileanu R, Denton E , Szlam A, Fergus R. Modeling Others using Oneself in Multi-Agent Reinforcement Learning. <i>International Conference on Machine Learning (ICML)</i> , 2018.
	Denton E , Birodkar V. Unsupervised Learning of Disentangled Representations from Video. <i>Advances in Neural Information Processing Systems (NIPS)</i> , 2017.

Denton E, Gross S, Fergus R. Semi-Supervised Learning with Context-Conditional Generative Adversarial Networks. *WIML Workshop in conjunction with NIPS*, 2016.

{**Denton E**, Chintala S}, Szlam A, Fergus R. Deep Generative Image Models using a Laplacian Pyramid of Generative Adversarial Networks. *Advances in Neural Information Processing Systems (NIPS)*, 2015.

Denton E, Weston J, Paluri M, Bourdev L, Fergus R. User Conditional Hashtag Prediction for Images. *ACM SIGKDD Conference on Knowledge Discovery and Data Mining*, 2015.

Denton E, Zaremba W, Bruna J, LeCun Y, Fergus R. Exploiting Linear Structure Within Convolutional Networks for Efficient Evaluation. *Advances in Neural Information Processing Systems (NIPS)*, 2014.

Shah MA, **Denton E**, Arrowsmith CH, Lupien M, Schapira M. A *global assessment of cancer genomic alterations in epigenetic mechanisms*. *Epigenetics & Chromatin* 7 (1), 29, 2014.

Shah MA, **Denton E**, Liu L, Schapira M. ChromoHub V2: cancer genomics. *Bioinformatics*, 2013.

Liu L, Zhen XT, **Denton E**, Marsden BD, Schapira M. ChromoHub: a data hub for navigators of chromatin-mediated signalling. *Bioinformatics*, 2012.

PROFESSIONAL SERVICE

Paper reviewing:

International Conference on Machine Learning
International Conference on Learning Representations
Neural Information Processing Systems
AAAI Conference on Artificial Intelligence
Transactions on Pattern Analysis and Machine Intelligence
Neural Computation

Workshop organization:

Deep Learning workshop, ICML, 2016.
Learning Disentangled Features: from Perception to Control, NIPS, 2017.

INVITED TALKS

Dec 2017	<i>Learning Image Representations that Afford Video Generation</i> NIPS Workshop on Machine Learning for Creativity and Design
Aug 2017	<i>Unsupervised Learning of Disentangled Representations from Video</i> Creative AI Meetup, London
April 2017	<i>Semi-Supervised Learning with Context-Conditional GANs</i> Theory of GANs workshop at Data, Learning and Inference (DALI)
June 2016	<i>Generative Modeling of Images with GANS</i> Google 's Music, Art & Machine Intelligence Workshop
Dec 2015	<i>Deep Generative Image Models Using A Laplacian Pyramid Of Adversarial Networks</i> NIPS Deep Learning Symposium