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<b>EDUCATION</b>	<b>MSc. Computer Science</b> , McGill University Supervised by Dr. Doina Precup and Dr. Simon Gravel	September 2017 - present
	<b>BSc. Quantitative Biology, Minor Computer Science</b> , McGill University First Class Honours	2017
<b>TOOLS</b>	<b>Software:</b> Python, Tensorflow, Pytorch, Git <b>Open Source Contributions:</b> Tensorflow, embedKB, MLJS Matrix, AttentionRNN, Keras	
<b>EXPERIENCE</b>	<b>Student Researcher</b> Google Brain, Montreal Canada	June 2018 - present
	<ul style="list-style-type: none"> <li>Investigating optimization problems in reinforcement learning. Led to a contributed research talk at the Deep Learning Summer School.</li> </ul>	
	<b>Deep Learning Research Associate</b> Datalogue, Montreal Canada	April 2017 - Nov 2017
	<ul style="list-style-type: none"> <li>Researched, implemented and shipped production-level deep conditional random fields for entity recognition, convolution neural networks for classification and attention-based recurrent neural networks for machine translation.</li> <li>Improved accuracy of main product from 90% to 94% with a 13× reduction in parameters.</li> </ul>	
	<b>Computational Oncology Research Assistant</b> Gravel Lab, McGill University	Jan 2015 - April 2017
	<ul style="list-style-type: none"> <li>Used theoretical cancer models to investigate genetic heterogeneity. Led to a publication.</li> </ul>	
	<b>Co-Founder, Scientific Lead</b> QuantiScience, Montreal	June 2015 - Dec 2015
	<ul style="list-style-type: none"> <li>Engineered an algorithm to extract heart rate variability and infer mental stress from data obtained by the Fitbit Charge HR.</li> <li>Launched product to 3 beta testers and demoed in San Francisco as part of the top 10% of the AngelHack HACKcelerator.</li> </ul>	
<b>PUBLICATIONS + WRITING</b> (full list at <a href="#">Google Scholar</a> )	Bachman P., Islam R., Sordoni A., <b>Ahmed Z.</b> (2018) <i>VFunc: a Deep Generative Model for Functions</i> , ICML Workshop on Prediction and Generative Modeling in Reinforcement Learning	
	<b>Ahmed Z.</b> and Gravel S (2018). <i>Genetic Diversity in Circulating Tumor Cells</i> , Molecular Biology and Evolution	
	<b>Ahmed Z.</b> (2018). <i>How to Visualize Your Recurrent Neural Network with Attention in Keras</i> , Datalogue Technical Blog [67k views and 1.6k claps]	
<b>AWARDS</b>	<b>Canada Graduate Scholarship, CIHR</b>	2017-2018
	<b>Industry Experience Award, NSERC</b>	2017
	<b>Computational Biology Summer Award, CIHR</b>	2015 & 2016
	<b>Tomlinson Engagement Award for Mentoring</b>	2016 & 2017
<b>SELECTED TALKS</b>	<b>What Makes a Good Policy Optimization Algorithm?</b> CIFAR Deep Learning and Reinforcement Learning Summer School	2018
	<b>Introduction to the Attention Mechanism</b> , Montreal Deep Learning Meetup	2017
	<b>Predicting with Data</b> , Osmos Academy	2016
<b>VOLUNTEER POSITIONS</b>	<b>Founding Member and Co-Vice-President Events</b> McGill Integrative Bioscience Students Society	2015 - 2017
	<ul style="list-style-type: none"> <li>Launched a club for interdisciplinary biologists, successfully partnering with Google and Microsoft. Organized 5 events with an average of 80+ people per event.</li> </ul>	
<b>SELECTED PROJECTS</b> (full portfolio at <a href="#">www.zafarali.me</a> )	<b>Towards electroencephalography-based prosthetics</b> COMP 598: Applied Machine Learning [Grade: A]	Sept 2015 - Dec 2015
	<ul style="list-style-type: none"> <li>Compared transfer learning approaches versus personalized learning of neural networks, logistic regression and support vector machines as software for 3D printed arms.</li> </ul>	