

Eric Le Fort

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Professional Summary	M.A.Sc. candidate graduating in May 2018 pursuing a career in Software Engineering, particularly in the field of Machine Learning.	
Education	Master's of Applied Science in Software Engineering Specialization in Machine Learning	McMaster University 2017 - 2018
	Bachelor of Software Engineering Graduating GPA: 3.8 Capstone: autonomous billiards robot	McMaster University 2013 - 2017 Winning project of my graduating year
Development & Tools	Languages: Python, Java, Lua, Scala, R, C/C++, MySQL, JavaScript, Swift, Haskell, Bash and more Tools: Git/SVN, Eclipse, Visual Studio, Android Studio, Arduino, Maple Libraries: Torch, TensorFlow	
Mathematical Skills	Competencies: Convex Optimization Algorithms, Calculus, Database Design, Propositional Logic, Distributed Computing Machine Learning Experience: Neural Networks (MLP, LSTM, Convolutional), PCA, Support Vector Machines, Random Forests, K-Nearest Neighbour, Naive Bayes Classifiers, NLP, and more	
Experience	Machine Learning Consultant Old Republic Insurance	October 2017 — May 2018
	This contract involved analyzing customer data to uncover better market clusters and other valuable business insights using various machine learning techniques. Additional data was scraped online to augment the available information.	
	Machine Learning Engineer Intern Sensibill	Summer 2017
	This position involved participating as a member of a small R&D team. Notable accomplishments include improving an OCR process, developing a 98.9% accurate LSTM-based language classifier, and improving a key data pipeline to handle arbitrarily large datasets.	
	Teaching Assistant McMaster University	September 2016 — Current
	I have assisted in teaching "Digital Systems and Interfacing," "Software Development Skills," "Performance Analysis of Computer Systems," and "Operations Research." These courses cover optimization techniques, queuing theory, statistics, bash scripting, Markov chains, and more.	
	Research Assistant McMaster University	May 2016 — September 2017
	I had two supervisors for this position: Dr. Jeffery Zucker and Dr. Antoine Deza. My first project was to prepare course material for "2FA3: Discrete Math with Applications II" using LaTeX. My second project involved architecting an analytical system which utilizes machine learning to predict which applicants would accept offers of admission to the university.	