Adrian MILLEA

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Machine learning expert

Education

2014-2019 expected	**PhD in Machine Learning**, *Imperial College London*, London, United Kingdom. Topics: Variational Inference, Information Geometry, Deep Reinforcement Learning, supervisor: Abbas Edalat
2010-2014	**MSc in Artificial Intelligence**, *Rijksuniversiteit Groningen - RuG*, Groningen, The Netherlands. graduated 'cum laude', Thesis: Explorations in Echo State Networks
2003-2008	**BSc in Mathematics and Informatics**, *University of Bucharest*, Bucharest, Romania.

Experience

2008-2010	**Freelance Java developer**, Developed business apps using Java and MySQL for insurance brokers.
2009	**Java developer**, Worked on a J2ME client for an XML based protocol. Backend and optimization.
2008	**Student researcher**, *Polytechnic University of Bucharest*, Worked on an emulator of a native Java multithreading processor.

Skills

Programming and scripting	Java, Python, C/C++, R, Shell scripting, SQL, PL/SQL
Tools	Matlab, Pytorch, Tensorflow, Theano, Caffe, Scikit-learn, LaTeX,
OSs	Windows, Linux
Math	Probability and statistics, Linear algebra, Calculus, Dynamical systems, Geometry
ML and Stats	Optimization, Control, Signal processing, Predictive modeling, Hypothesis testing, Financial time-series analysis and prediction, Regression, Classification, Reinforcement learning, Neural networks, Bayesian methods, Variational inference, Graphical models, Nonparametric models
Work permit	I am a permanent resident of the US since 2016

Languages

Romanian	Native Speaker	
English	Near Native	*excellent command*
French	Intermediate	*good working knowledge*