Michelangelo Conserva

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Interests

Machine Learning, Reinforcement Learning, Bayesian Statistics.

Selected papers

M.C. and Paulo Rauber. "Markov Decision Processes Hardness: Theory and Practice". Neural Information Processing Systems.	2022
Aditya Ramesh, Paulo Rauber, M.C., and Jürgen Schmidhuber. "Recurrent Neural-Linear Posterior Sampling for Non-Stationary Contextual Bandits. Neural Computation.	2022
M.C., Marc Deisenroth, and K S Sesh Kumar. "The Graph Cut Kernel for Ranked Data". Transactions on Machine Learning Research	2022

Education

Ph.D. in Computer Science, Queen Mary University of London, UK. Supervisor: Paulo Rauber.	2020-
MSc in Computational Statistics and Machine Learning, UCL, UK. Distinction. Supervisors: Marc Deisenroth and Sesh Kumar.	2019-2020
BSc in Statistics, Economics and Finance, Sapienza, Italy. 110 cum laude. Supervisor: Anna Conte.	2016-2019

Awards and extra-curricular activities

Nuffield Research Placement. Mentoring a high school student, now studying CS at Imperial College London, coming from a disadvantaged background.	2021
Awarded four years PhD funding from EPSRC.	2020
Volunteering at a youth association "Giovani Tiburtini" to support homeless people.	2016-2017
Giochi di Anacleto, high school physics Olympics: classified 1st (2015) and 3rd	2014-2015
High school math Olympics: classified 1st (2015).	2014

Skills

Programming languages. Advanced: `Python`. Intermediate: `R, Matlab, Java`. Novice: `C++, C`.
Python libraries. Pytorch, Tensorflow, Jax, Scipy, Pandas, scikit-learn, Matplotlib, NetworkX.
Languages. English and Italian.