

Luigi Carratino

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Experience

- PhD Student** Genoa, Italy
University of Genoa *Nov 2016 - present*
Large-scale statistical machine learning
- Visiting Researcher** Eindhoven, Netherlands
Eindhoven University of Technology *Feb 2016 - Jul 2016*
Online Learning to solve Dynamic Pricing problems in Partial Monitoring settings
- Microsoft Student Partner** Italy
Microsoft *2015 - 2016*

Education

- MSc in Computer Science** Genoa, Italy
University of Genoa, 110/110 cum laude *2014 - 2016*
Thesis: Online Learning Approaches to Dynamic Pricing in a Partial Monitoring Setting
- BSc in Computer Science** Genoa, Italy
University of Genoa, 110/110 *2011 - 2014*
Thesis: Iterative Methods for Sparse Learning
- Diploma in Piano Performance** Genoa, Italy
Conservatory of Music Niccolò Paganini, 9.25/10 *2003 - 2012*

Publications

- FALKON: An Optimal Large Scale Kernel Method**
A. Rudi, L. Carratino, L. Rosasco
Advances in Neural Information Processing Systems 30, 2017 (to appear)

Teaching

- Machine Learning** Genoa, Italy
Teaching assistant, Instructors: Alessandro Verri, Lorenzo Rosasco *Fall 2017*
MSc course in Computer Science, University of Genoa
- Regularization Methods for Machine Learning** Oslo, Norway
Teaching assistant, Instructor: Lorenzo Rosasco *02 - 06 May 2017*
PhD course on advanced machine learning, Simula Research Laboratory

Algorithms and Data Structures
Teaching assistant, Instructor: Viviana Mascardi
BSc course in Computer Science, University of Genoa

Genoa, Italy
Spring 2017

Introduction to Programming
Teaching assistant, Instructor: Francesca Odone
BSc course in Computer Science, University of Genoa

Genoa, Italy
Fall 2016

Awards

PhD Studentship
Winner of 3-year grant

University of Genoa, Italy
Nov 2016 - Oct 2019

Erasmus+ Scholarship
Winner of 6-month grant

University of Genoa, Italy
Feb 2016 - Jul 2016

Microsoft Big Data & IoT Food Hackathon - EXPO 2015
Ranked first in Data Modeling challenge

Milan, Italy
June 2015

Developed a classification model to learn the breed of Marocco's goats from their genes

Languages

English Working proficiency
Italian Native proficiency

Certificates: FCE (2012), PET (2009)

Technical Strengths

Programming Languages C, C++, Python
Environments Matlab, Latex