Davide Gurnari

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EDUCATION

PhD in Mathematics	October 2020 - ongoing
Polish Academy of Sciences, Warsaw, PL	

Master's Degree in Data Science	September 2020
Università degli Studi di Padova, Padova, IT	

Bachelor's Degree in Physics	April 2017
Università degli Studi di Padova, Padova, IT	

RELEVANT EXPERIENCES

Collaboration — University of Oxford
April 2020 - ongoing — Oxford, England, UK
I am an contributor to the `covid19.eng.ox.ac.uk` project. I helped handling the data about administrative divisions, social statistics and weather.

Erasmus+ Traineeship — Swansea University
March 2020 - June 2020 — Swansea, Wales, UK
I worked, under the supervision of Dr Paweł Dłotko, on large scale computations of the Euler Characteristic Curves of high dimensional datasets. This work resulted in my Master's thesis.

Collaboration — Fondazione Bruno Kessler
July - August 2019 — Trento, Italy
I worked with Professor Luciano Serafini in the development of an algorithm for incremental learning of discrete planning domains.

LANGUAGE SKILLS

English: First Certificate in English (B2) - grade A.
Polish: A1.

TECHNICAL SKILLS

Python: good knowledge, in particular of the *NumPy*, *Pandas*, *Scikit-learn* and *PyTorch* packages;

R: discrete knowledge;

C++: base knowledge;

Mathematica: base knowledge;

LaTeX: good knowledge.