Paolo Vergottini

Mathematical Engineer

As a mathematical engineer, I long for the complete understanding of problems, tackling them with statistics and programming.

Contact

Born on 11 December 1998

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github/paolo-vergo

Languages

ITALIAN

Mother Tongue

ENGLISH

C1 IELTS
International House Milano

GERMAN

A2 ÖSD
Deutsch Institut Milano

Programming

R (developer)
C++ / C
Python
Matlab
Microsoft Office
SQL
Latex

Education

MSC. MATHEMATICAL ENGINEERING - STATISTICAL LEARNING
Politecnico di Milano Sept 2019 - April 2022

Thesis: *"A complete suite for conformal prediction of simple and complex data in r, with some theoretical extensions "*

BSC. MATHEMATICAL ENGINEERING
Politecnico di Milano Sept 2016 - Sept 2019   Final mark: 101/110

Final presentation: *"Interest communities and flow roles in directed networks : The twitter network of the UK riots"*

Erasmus *Technische Universität Wien (TUW) - Vienna*

HIGH SCHOOL - LICEO SCIENTIFICO
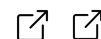*I.S.I.S. Stein Gavirate (VA) Sept 2012 - July 2016*   Final mark: 100/100

Projects

CONFORMAL PREDICTION PACKAGES   R
Developed and uploaded on CRAN two R packages to handle Conformal Prediction for regression: *conformalInference.multi* (for multivariate responses) and *conformalInference.fd* (for multivariate functional responses).

HIERARCHICAL BAYESIAN NONPARAMETRIC MODEL TO SMOOTH FUNCTIONAL DATA   C++ / R

CLASSIFICATION, SEGMENTATION AND VQA WITH CNN   Python
Tensorflow

Volounteering

SCOUT LEADER (AGESCI)   2018 - current

This experience equipped me with the capacity to treat others fairly, to observe and react to problems, to discuss strategies and program activities with my team. Overall I acquired crucial organizational and teamworking skills.

ERASMUS STUDENT NETWORK (ESN)   2020 - current
ASSOCIATION MATHEMATICAL ENGINEERS (AIM)   2018 - 2019

Interests

PRIVATE TUTOR   2016-2022

Private lessons of Matematics/Statistics to graduate and undergraduate students.