



Gloria Capano

Data Scientist / Computational Chemist

*Everything must be made as simple as possible. But not simpler
- attributed to A. Einstein*

Italian, C permit
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HIGHLIGHTS

- ✘ Excellent presentation skills. *Speaker at TEDx Geneve 2018.*
- ✘ Proactively autonomous and effective in proposing and planning projects. Strong business-driven approach.
- ✘ Deep love for hidden connections among data.
- ✘ Refined synthetic and global view over concrete situations.

EXPERIENCE

Data Scientist Atos AG, Nyon

JUNE 2018 - TODAY

NLP, Supervised/unsupervised learning, Deep Learning, Web development

- ✘ Deliver Data Science projects with Agile/Scrum approach
- ✘ Propose POCs to clients; participation of RFPs' technical parts
- ✘ Internal knowledge sharing (seminars, tutoring of interns)
- ✘ Increase internal Data Science / ML portfolio

Scientist- Computational Chemistry EPFL - Lausanne

FEBRUARY 2017 - MAY 2018

Computational Chemistry - Solid state physics - Catalysis and Photocatalysis

- ✘ Leading of scientific project and tutoring of Ph.D. students
- ✘ Prediction of physical properties through Machine Learning
- ✘ Theoretical consultancy for experimentalists

Scientist - Bioinformatics Swiss Institute of Bioinformatic

DECEMBER 2016 - FEBRUAR 2017

- ✘ Development in Python of a pipeline to automatically identify DNA aptamers issued by artificially-driven natural selection
- ✘ Statistical classification in R of tumoral genetic data via clustering

EDUCATION

Ph.D in Chemistry and Chemical Engineering EPFL - Lausanne

JANUARY 2012 - APRIL 2016

Master Degree in Materials Science and Engineering, 110/110 University of Milano-Bicocca, Milano

OCTOBER 2009 - OCTOBER 2011

Technical Skills

Programming: Fortran90, Python
(Pytorch, Flask and main packages for data science), Javascript

Personal Skills

Insatiable curiosity in different fields of knowledge

Very strong problem solving

Experience in performing on a stage due to music performances

PUBLICATION & AWARDS

15 scientific papers published by international journals; h-index: 11

Metrohm Awards, 2013

Donatello Awards, 2006 Member and Spokeswoman of the Youth Jury at the 63th International Venice Movie Festival

Tortona National Piano Contest, 1997 1st Prize

Alessandria National Piano Contest, 1997 3rd Prize

LANGUAGES

English, Fluent
Italian, Mother tongue
French, Fluent
Portuguese, Basic

EXTRA

Pianist and singer
Synesthetic perfect pitch