

## Curriculum Vitae – Fall 2021

Family name: Straziota  
 Given name: Davide  
 Gender: male  
 Date of birth: 03/02/1997  
 Citizenship: Italian  
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## Qualifications

- 2021-Present: *PhD in Statistics and Computer Science*  
 Bocconi University
- 2019-2021: *Master of science in Physics of Complex Systems (Mathematical Engineering), cum laude*  
 Joint double degree: *Politecnico di Torino, SISSA, ICTP, Sorbonne Université, Paris Saclay University and Paris Diderot University.*  
 Thesis: *“Predictive Relevance in Complex Systems”*  
 Supervisors: *Matteo Marsili, Iacopo Mastromatteo, Jean Philippe Bouchaud, Michael Benzaquen and Luca Dall’Asta*
- 2016-2019: *Bachelor of Science in Physics*  
 University of Padova  
 Thesis: *“Diffusion models with fractal noise”*  
 Supervisors: *Flavio Seno*
- 2011-2016: *High school diploma in scientific studies, with laude*  
 Liceo Scientifico G. Salvemini

## Awards and Scholarships

- 2021-2025: *PhD Scholarship, Università Commerciale Luigi Bocconi, Milano, Italy*
- 2021: *Oxford Summer School in “Economic Networks”, University of Oxford, Great Britain.*
- 2021: *Summer School in “Physics of Complex Systems”, ICTP and SISSA, Trieste, Italy*
- 2019-2021: *International Track for the Master of Science in Physics of Complex Systems, Politecnico di Torino, Torino, Italy*

## Research Interests

*Statistical Physics, Predictive Relevance, Machine Learning, Probability theory and Diffusion Processes*

## Studies abroad

- 2021: *Research Intern at “Econophysix Lab: Ecole Polytechnique”*
- 2020-2021: *Joint Degree at “Sorbonne University, Paris Saclay University and Paris Diderot University”*

## Work Experience

January 2021-July 2021      *Research Intern at “Capital Fund Management”, Paris*



### Language Skills

*Italian: mother tongue*

*English: First (B2)*

*French: B2*

### IT Skills

*Environments: Microsoft Windows, MacOS and Linux Distribution*

*Programming language: C(good), C++(excellent), Mathematica(fairly good), Julia(good), Latex(excellent), Python(excellent) and Fortran(fairly good)*

*Softwares: Matlab and Office Packages*

### Other Activities

*2005-2016: Waterpolo Player*

*2014-Present: Lifeguard*

*2018-Present: Volunteer for "AIOS civil protection group"*