

Rita Maestri

Master student at Paris School of Economics and École des Ponts ParisTech

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WORK EXPERIENCE

11.2020 - 09.2021 **Research assistant** at EHESS, Paris

Analysed data of Paris historical financial markets, *Parquet* and *Coulisse*, in the 19th and 20th century. Characterised the similarities and differences of the two markets in terms of price, volatility, liquidity and other financial measures.

02.2021 - 03.2021 **TP tutor** at UPEM, Champs-sur-Marne

Taught machine learning coding tools.

03.2020 - 07.2020 **Internship** at LISIS (UPEM), Champs-sur-Marne

Optimised the aircraft ground traffic at Charles de Gaulle airport through the analysis of the data provided by the *Direction générale de l'Aviation civile française* and the implementation of an agent based simulation (<https://github.com/RitaMaestri/Thesis>).

03.2018 - 09.2019 **Private tutoring** of maths and physics for high school students

EDUCATION

09.2021 - now **Master of science in Economic Decision and CBA**

at Paris School of Economics & École des Ponts ParisTech, Paris

09.2018 - 04.2021 **Master in Physics of Complex Systems** at University of Turin

Mark: 110/110

Thesis: *Agent based modelling for ground traffic optimization at Charles de Gaulle airport* (<https://terna.to.it/tesi/maestri.pdf>).

09.2019 - 07.2020 **Erasmus** at UPEC, Créteil

09.2014 - 03.2018 **Bachelor in Physics** at University of Bologna

Mark: 105/110

Thesis: *Review of deep learning methods and their application to radiomics*.

09.2009 - 06.2014 **High school** at Liceo Classico G.D. Romagnosi of Parma

Mark: 100/100

SKILLS AND QUALIFICATIONS

Programming Skills

Advanced Python, R, C++, NetLogo,
LateX
Intermediate Excel
Basic Linux shell, Git, Gephi

Languages

Native language Italian
Fluent English (FIRST, B2)
French (DELFL, B2)