

NICOLA CRESPI

EDUCATION

Master of Science Degree in Statistical and Economic Science	<i>2019 - present</i>
Università degli Studi di Milano-Bicocca, Milan, Italy	
Bachelor of Science in Statistical and Economic Science	<i>2016 - 2019</i>
Università degli Studi di Milano-Bicocca, Milan, Italy	
Erasmus Licence Relations Internationales Maths	<i>August 2018 – January 2019</i>
Université de Lille, Villeneuve d'Ascq, France	
Secondary School diploma in Science	<i>2016</i>
Liceo Scientifico "Arturo Tosi", Busto Arsizio, Italy	

COMPETENCES

Languages

Italian	Native Language
English	Fluent
French	Good (certified B1)

Informatic Software

R, Python, Qlik Sense, SAS, Stata, MS Excel, MS Office, MATLAB (Dynare), Gretl

WORKING EXPERIENCES

Research Assistant

Fondazione Eni Enrico Mattei

December 2021 – present

Milan

Building spatial econometric model to answer socio-economical questions about the Covid19 in Lombardy. Helping with the quantitative part of policy brief. Starting an econometric project on minerals demand to evaluate possible problems regarding energy transition.

Consultant software developer

Reti S.p.A.

July 2019 – January 2019

Busto Arsizio

Creation of data visualization sheets for Business Intelligence, using Qlik Sense. Most applications done with financial related database.

PROJECTS

Lab Data Challenge - Electricity load forecast challenge by Repower

With an ensemble of models we aimed to predict the hourly consumption of energy of clients with a gap of 16, 17, 18 days from last observation. The models taken in consideration are: one additive, one of unobservable components and another machine learning based.

Prediction of income of various restaurants in a daily time series dataset

The objective of this project was to integrate exogenous phenomena (like weather, presence of festivity, etc.) with the structure of the time series to try to predict the income using a Random Forest model.

Bachelor Thesis

A first study to verify the existence of correlation between demographic dynamics and energy price index in OECD countries.

OTHER EXPERIENCES

Artist – Photographer

Starting from my passion in photography I have done some shootings for locals where I were asked to take photos for private events.

2015 - 2019

Student leader and representative

Liceo Scientifico "Arturo Tosi"

2015 - 2016

Busto Arsizio

I organized and managed school meetings and events as student representative. I have also successfully organized some lectures with important Italian artists and writers.