

# Leonardo Rizzo

Via dei Fontanili 24A, 20141, Milan, Italy | Born: 05/04/1995  
+39 329 3447752 | leorizzo95@gmail.com | <http://leonardorizzo.com>

## EDUCATION

---

### Academic qualifications .....

**Université Catholique de Louvain & Università Bocconi** **Milan, IT; Louvain-la-Neuve, BE**  
*Master of Research in Economics – Joint Degree UCLouvain-Bocconi* 09/2016 – 01/2019

- Graduated with *Grande Distinction* (summa cum laude)
- Spent the first year at Bocconi University attending the MSc in Economic and Social Sciences (DES/ESS)
- Relevant subjects: Adv. Mathematics, Adv. Statistics, Adv. Macroeconomics I&II, Adv. Microeconomics I&II

**Università Bocconi** **Milan, IT**  
*BSc in International Economics, Management, Finance (BIEMF) – Major in Finance* 09/2013 – 10/2016

- Final grade 110/110 cum laude
- Held the graduation speech as the youngest “cum laude” graduate

### Additional Academic Experience .....

**Summer Institute in Network Science (SINSA) 2020** (*incoming*) **Boston (MA), US**  
Courses: *Network Science Principles; Network Processes & Dynamics; Community Structures; Network Geometry*

**The University of Nottingham** **Nottingham, UK**  
*Exchange Student; GPA: 85/100* 01/2016 – 05/2016

**The London School of Economics and Political Science - LSE** **London, UK**  
*Summer school: FM360: Options, Futures and Other Financial Derivatives; Grade: A+* 07/2015

### Academic Publications, Conferences, Dissertations .....

Borgonovo, E., Pangallo, M., Rivkin, J. W., **Rizzo, L.**, Siggelkow, N. (2020). Sensitivity Analysis in Agent-Based Modelling: A Managerial Perspective. *FINAL DRAFT, soon in review.*

**Conferences:** *European Commission, DG ECFIN* (Brussels, 2018): “Anticipatory movements in DSGE models”.  
*British Conference of Undergraduate Research* (Manchester, 2016): “Regulators and sustainable investments: New measures proposed by the French Government”.

**MRes. Dissertation:** News and Noise in the Great Depression (Supervisor: Prof. L. Pensieroso, Prof. L. Sala).

**BSc. Dissertation:** Agent-Based Simulation: Review and Economic Applications (Supervisor: Prof. E. Borgonovo).

## WORK EXPERIENCE

---

**Università Bocconi, Department of Decision Sciences** **Milan, IT**  
*Research Assistant – Supervisor: Prof. E. Borgonovo* 02/2019 – 09/2019; 02/2020 – Present

- Co-authored a paper on sensitivity analysis of agent-based simulation.
- Currently working on a simulation model on the generation of ideas in organizations.
- Used MATLAB and NetLogo to build and run agent-based models and analyze their output.

**Banca d’Italia – Eurosystem, New York Office** **New York (NY), US**  
*Research Assistant – Supervisor: Giovanni Majnoni* 09/2019 – 12/2019

- Monitored the economy of United States, Canada, Mexico and Italy. Regularly attended seminars and events.
- Performed research and wrote notes on: central banks independence, with a focus on Banco de Mexico and Bank of Canada; Mexican public finances and the threat posed by the national oil company; the state of the Italian economy and the sustainability of public debt.
- Regular use of Bloomberg; created a Bloomberg page to monitor different aspects of the US economy.
- Attended a training at the NY FED reserved for central bankers on interpreting the US economic indicators.
- Held an internal presentation on complex systems and the use of agent-based models in economics.

**European Commission, DG for Economic and Financial Affairs, Unit D3**

Trainee – Supervisor: Stanoeva Guergana

**Brussels, BE**

09/2018 – 12/2018

- Preparation of reports and briefings for the unit and analysis of macroeconomic data.
- Elaboration of the “line to take” of the European Commission delegation to external events.
- Contributed to the organization of the Annual Meetings of the IMF and G20 meetings.
- Regularly participated to research seminars and events, including the Autumn 2018 Economic Forecast.

**Università Bocconi, Department of Decision Sciences**

Trainee, *Research field project* – Supervisor Prof. E. Borgonovo

**Milan, IT**

02/2017 – 09/2017

- Research on agent-based simulations in the field of Operational Research.
- Acquired knowledge of research methods and procedures; exposed to the academic world and to paper design.
- Gained insights about simulation models, sensitivity analysis and calibration of models in general.

## **OTHER RELEVANT EXPERIENCE**

---

**Bocconi In-Company Training**

- Selected among a group of Bocconi students for a formative professional experience in Accenture (Milan, 2016) and PIMCO, BlackRock, Deutsche Bank, and HSBC (London, 2016).
- Took part in business cases on M&A, asset management and consulting.

**Webmaster**

- Founded and developed a website about comics and video games at the age of 10 (02/2006).
- The website reached more than one million views and more than 15 collaborators in the news department.
- It was positively reviewed by the most important national printed magazine on the subject (12/2008).

## **SKILLS, ACTIVITIES & INTERESTS**

---

**Software**

MATLAB, Dynare, R, STATA, SPSS, EViews, NetLogo, Office Suite.

**Coding**

Good knowledge of MATLAB, Python, HTML, and LaTeX; Basic knowledge of C++.

**Certifications**

- *Model Thinking* (Coursera: University of Michigan, 03/2020)
- *Social and Economic Networks: Models and Analysis* (Coursera: Stanford University, 03/2020)
- *Introduction to Data Science in Python* (Coursera: University of Michigan, 01/2020)
- *Introduction to Complexity* (Complexity Explorer: Santa Fe Institute, 11/2019)
- *The U.S. Economy: Interpreting the Indicators* (Federal Reserve Bank of New York, 10/2019)
- *Introduction to Programming with MATLAB* (Coursera: Vanderbilt University, 12/2015)
- *R programming* (Coursera: Johns Hopkins University, 05/2015)
- *ECDL Core* (03/2013)

**Languages**

Native in Italian, Fluent in English (IELTS 8.0, 2016), Conversational Proficiency in French (DFP B1, 2018)

**Interests & Hobbies**

- Self-taught musician: guitar (mainly), ukulele, voice and piano
- Reading: economics, history of economic thought, geopolitics, music, popular science, AI, comics
- Electronics with Arduino
- Volunteer with the *Sovereign Military Order of Malta* (SMOM)