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# DARIO MARINO

## Graduate Student

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## EDUCATION

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### University of Chicago, Chicago, IL USA

*Master's in Computational Social Science-Economics Curriculum (MACSS-Econ), August 2024 - June 2026*

### University of Bologna Alma Mater Studiorum

*Bachelor's Degree in Mathematics, September 2023 - July 2024*

Completed 2 Graduate and 4 Undergraduate courses with exams:

Probability and Mathematical Statistics; Stochastic Processes; Linear Algebra (Electrical Engineering BA)

Real Analysis 1A; Real Analysis 1B; Graph Theory

### Paris School of Economics (PSE - Ecole d'économie de Paris)

*Master's Degree in Analysis and Policy in Economics, (APE M2), September 2022 - June 2023*

Average Grade: 14/20 [GPA: 3.4; B+]; Thesis Grade: 14/20

Thesis Title: Balanced Innovation: Nonlinear optimal patent breadth in an interaction of demand and technology networks; Supervisor: Francis Bloch

### University of Paris (Université Paris 1), Panthéon Sorbonne

*Master's Degree in Economics (PSME - M1), September 2021 - June 2022*

Average Grade: 16/20 [GPA: 3.7 ; A-]; Thesis Grade: 18/20

Thesis Title: The Overlook Effect of Prices on Productivity and Pay Gap; Supervisor: Carmen Camacho-Perez

### University of Bologna (Università di Bologna) Alma Mater Studiorum

*Bachelor's Degree in Political Science and International Relations, L-36, September 2018 – December 2021*

Average Grade: 110/110 with Honours. [GPA: 4.0 ; A+]

Thesis Title: The Effects of Automation on Labor Market; Supervisor: Antonello Eugenio Scorcu

## RESEARCH EXPERIENCE

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### Structural Change and Global Dynamics (EU grant)

Professors: Alireza Jay Naghavi (University of Bologna); Antonio Minniti (University of Bologna)

*Research Fellowship, May 2023-September 2024*

- Written and implemented all microeconometrics coding with R and webscraping with Python
- Ownership Networks and Environmental Analysis of European firms using Moody's Orbis dataset
- Financed with the NextGenerationEU, in collaboration with Bocconi and the University of Turin.

### A Generalized Measure of Bargaining Power with an Application to EU Law-Making (Working Paper 2023)

Professors: Joseph-Simon Görlach (Bocconi); Nicolas Motz (Universidad Complutense de Madrid)

*Research Assistant, November 2022 - March 2023*

- Web Scraping with Python of European parliament laws both on html and json to pdf
- Performed Sentiment Analysis with R on all the European parliament laws in the dataset

## TEACHING EXPERIENCE

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### University of Bologna Alma Mater Studiorum

*Teaching Assistant | August 2023-July 2024*

- Monetary Policy; Bachelor's Degree in Economics, Markets and Institutions; Antonello Eugenio Scorcu
- Public Economics; Master's Degree in Economics and Public Policy; Daniele Fabbri
- Statistics; Master's Degree in Law, Economics and Governance; Luke Brian Connelly
- Econometric Methods for Policy Evaluation; Master's Degree in Economics and Public Policy; Guglielmo Barone
- Economics of Competition; Master's Degree in Law and Economics; Emanuela Carbonara

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- Statistics and Programming; Bachelor's Degree in Economics, Politics and Social Sciences; Laura Anderlucci

## ORGANIZATIONAL EXPERIENCE

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**NOISE (Student-run Think Tank) // Academia.Edu:** <https://unibo.academia.edu/NOISEThinkTank>

*Founder | March 2021-June 2023*

- Founded student-run think tank with a focus on national and international macroeconomics issues.
  - Collaborate with the Regional Authority Er.Go. for the Right to Higher Education to organize seminars and events.
- “Liberi oltre le illusioni” (Think Tank & YouTube Series) //** <https://www.youtube.com/watch?v=JZJMR4AJQ-U>

*Content Creator, March 2022-Present*

- Main Project: YouTube series on economic growth with Professor Michele Boldrin (WUSTL)
- Liberal and free market oriented think tank with more than 80,000 subscribers on Youtube.

**The Optimizers (Substack Newsletter):**

*Content Creator, June 2023-Present*

- <https://theoptimizers.substack.com/>

## HONORS & AWARDS

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Er.Go Scholarship: September 2018 - July 2021

Crous Scholarship: September 2022 - June 2023

Maroon Research Scholarship University of Chicago: August 2024 - July 2026

Mercatus Center Don Lavoie Fellowship: August 2024 June 2025

Summa Cum Laude Bachelor of Science University of Bologna: September 2018 - July 2021

Mention Bien Paris 1: September 2021 - June 2022

## LANGUAGE SKILLS & CERTIFICATIONS

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**English:** TOEFL iBT, Aug 2023 - 28 Reading/29 Listening/27 Speaking/27 Writing

IELTS Computer Test, Jul 2022, [7.5]; IELTS Paper Test, Gen 2021, [7.5]

**French:** Course (4 ECTS, University of Bologna) 2021; Course (4 ECTS, Université Paris 1 Panthéon Sorbonne) 2022

**GRE:** Quantitative: 160 \ Verbal: 159 - September 2022

## TECHNICAL COMPETENCIES / PROGRAMMING

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- Python [IDE: Spyder] (Specialized)
- R [IDE: RStudio] (Specialized)
- STATA (Specialized)
- LaTeX/Overleaf (Specialized)
- MATLAB (Specialized)
- Microsoft Excel (Specialized)
- Mathematica (Intermediate)

## REFERENCES

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Francis Bloch: PSE Professor; +33 0180521647; [francis.bloch@psemail.eu](mailto:francis.bloch@psemail.eu)

Angelo Secchi: PSE Professor; +33 180521822; [angelo.secchi@univ-paris1.fr](mailto:angelo.secchi@univ-paris1.fr)

Olivier Tercieux: PSE Professor; +33 0180521608; [tercieux@pse.ens.fr](mailto:tercieux@pse.ens.fr)

Antonio Minniti: University of Bologna - Research Fellowship Supervisor; [antonio.minniti@unibo.it](mailto:antonio.minniti@unibo.it)

Joseph-Simon Görlach: Bocconi Professor - Research Assistant Supervisor; [josephsimon.goerlach@unibocconi.it](mailto:josephsimon.goerlach@unibocconi.it)