
DARIO MARINO

Graduate Student

6022 S. Drexel Ave, Chicago, IL 60637 | (+1) 773 851 6143 | dariomarino@uchicago.edu
www.linkedin.com/in/dario-f-marino | <https://dario-marino.github.io/> | <https://github.com/dario-marino>

EDUCATION

University of Chicago

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

GPA: 3.7; Thesis Grade: NA

Thesis Title: Of Rivalry and Synergy: The Role of Patents and Products Similarity on R&D Investment

Supervisor: Ufuk Akcigit

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

Knowledge Lab at UChicago

Supervisor: Austin Kozlowski

Research Assistant, June 2026-October 2026

- Worked in collaboration with the ART Lab (Ackigit Research Team) on datasets of product similarity and patent data
- Worked specifically on semiconductor specifications documents to identify the weighted contribution of patents to each product available in our dataset. We used NLP techniques and ChatGPT API.
- The Knowledge Lab is managed by James Evans and the project is funded by the NSF grant “Assessing and Predicting Technology Outcomes” (APTO)

Akcigit Research Team at UChicago (ART Lab)

Supervisor: Ufuk Akcigit

Research Assistant, December 2024-June 2026

- Worked on patent description and patent claims similarity between incumbent and follower firms using a calibrated BERT model. Datasets from USPTO. Research for Ufuk Akcigit and Daron Acemoglu
- Observed effect of patent concentration on entrants' patents using disruption scores computed from citation data.

Structural Change and Global Dynamics (EU grant)

Supervisors: 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

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- Full time research position designed for post-docs in collaboration with Bocconi and the University of Turin.

A Generalized Measure of Bargaining Power with an Application to EU Law-Making (Bocconi University)

Supervisors: 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

WORK IN PROGRESS

- **Dario Marino** and Nicola Rossi (Università Tor Vergata), “*La cultura economica*,” in *Un miracolo non fa il santo. 2. La cultura degli italiani*, edited by Nicola Rossi, IBL Libri, 2025

TEACHING EXPERIENCE

University of Chicago

Teaching Assistant | September 2024-January 2025

- Economic Analysis of Law; Undergraduate; Public Policy Studies; Jim Leitzel

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

ORGANIZATIONAL EXPERIENCE

“**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)
- Free market oriented think tank with more than 80,000 subscribers on Youtube.

HONORS & AWARDS

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

Mercatus Center Don Lavoie Fellowship: August 2024 June 2025

Mercatus Center Frédéric Bastiat Fellowship June 2025 May 2026

LANGUAGE SKILLS & CERTIFICATIONS

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

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

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

PROGRAMMING

- Python [IDE: Spyder] (Specialized)
- R [IDE: RStudio] (Specialized)
- STATA (Specialized)
- MATLAB (Specialized)
- Mathematica (Intermediate)

REFERENCES

Ufuk Akcigit: UChicago Professor and Research Assistant Supervisor; +1 (773) 702-0433; uakcigit@uchicago.edu

Angelo Secchi: PSE Professor and Master Thesis Co-Supervisor; +33 180521822; angelo.secchi@univ-paris1.fr