

ADRIANO AMATI

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 adriano-amati |  adrnmt95

EXPERIENCE

Ph.D. Candidate

Department of Economics

09/2022 - Present

Ca' Foscari University of Venice, Italy

- **Research Topics:** Political Economy, Conflict, Crime, Voting, Causal Inference, Policy Evaluation, Network Econometrics, Machine Learning, Natural Language Processing, Deep Learning, Large Language Models
- **Teaching:** Causal Machine Learning (Lecturer, PhD), Microeconomics TA (Bachelor), Macroeconomics TA (Bachelor), Probability Theory and Statistics TA (PhD), "Economics of Risk and Agent Behavior" (Master)
- Supervisors: professors M. Di Cataldo and A. Brugiaevini

Visiting Researcher

09/2024 - 07/2025

Center for Law, Data Science and Economics

ETH Zürich, Switzerland

- Visiting Ph.D. at ETH Zürich's Center for Law and Economics (professor Elliott Ash research group)
- Worked on projects on political economy, voting, and text-as-data methods
- Ongoing research projects on fine-tuning Large Language Models (LLMs) for post-OCR correction of the US Congressional Record and on ideal point estimation using Graph Neural Networks (GNNs)

Research Assistant

04/2021 - 09/2022

RA for professor G. Mastrobuoni (AI4MUSE Project)

University of Turin, Italy

- Developed AI models and Machine Learning algorithms to forecast the number of visitors in museums and cultural sites participating to the AI4MUSE project in real time
- Developed research in network econometrics to analyse peer effects in cultural consumption for museum card-holders
- Worked in outreach and communication activities for the AI4MUSE project, website and social media management
- Liaised with museums' administrators and curators to collect data and develop the project

Trainee

10/2020 - 03/2021

SG-ECON

European Investment Bank, Luxembourg

- Worked both in the context of productivity and firm level data (A. Brasili), Energy Economics and Climate Change (F. Kalantzis)
- Management of very large firm-level datasets, data collection and cleaning, web-scraping, data visualization, model validation, literature reviews, statistical and econometric analysis

EDUCATION

Collegio Carlo Alberto

09/2019 - 06/2020

M.A. Economics

Turin, Italy

- Relevant courses: Advanced Microeconomics, Advanced Game Theory, Macroeconometrics

Barcelona Graduate School of Economics

09/2018 - 07/2019

M.Sc. in International Trade, Finance and Development

Barcelona, Spain

- Thesis: "Going West: an Analysis on Migration Patterns and Its Determinants"

- Relevant courses: Economic Growth and Development, International Trade and Finance

Maastricht University

09/2014 - 06/2017

Bachelor in Economics & Business Economics

Maastricht, The Netherlands

- Thesis: "Trust, Herding Behavior and Financial Instability"

- Relevant courses: Microeconomics, Game Theory, Public Economics, Corporate Finance, Econometrics

- Erasmus Grant: Universidade Nova de Lisboa

PUBLICATIONS & WORKING PAPERS

- [W] "One Person, One Vote: The Effect of Direct Elections on US Senators", with S. Galletta. Available at SSRN (2025)
- [W] "Political Shocks, Extremism and Violence: Evidence from the West Bank".
- [W] "Organized Crime and the Legal Economy: a Network Approach", with M. Billio, M. Di Cataldo, G. Mastrobuoni.
- [W] "Together is Better: Peer Effects in Leisure Activities", with P. Accardo, G. Mastrobuoni
- [R] European Investment Bank. (2021). Chapter 5. In *EIB Investment Report 2020/2021: Building a smart and Green Europe in the COVID-19 ERA*.
- [R] Amati A., Dominguez S., Kalantzis F. (2021), "European firms and climate change 2020/2021", European Investment Bank

ONGOING PROJECTS

LLM Finetuning for Post OCR-Correction of the US Congressional Record

With S. Galletta and E. Ash (ETH Zürich)

Ideal Point Model: a GNN Approach

With A. Hoyle (ETH Zürich)

CONFERENCES

SIEP, Verona (September 2023); Ca' Foscari University of Venice (November 2023); EUI Econometrics Working Group, Florence (January 2024); ECPS, Vienna (April 2024); Ph.D Day, Venice (June 2024); Collegio Carlo Alberto, Turin (December 2024); Brownbag Seminar, ETH Zürich (April 2025); Monash-Paris-Warwick-Zürich Text-as-Data Workshop (April 2025); SiDE ICEEE Conference Palermo (May 2025); EEA Conference, Bordeaux (August 2025)

SKILLS

- **Languages:** Italian (Native), English (Fluent), Spanish (Advanced), Portuguese (Basic User)
- **Programming:** Python (Excellent), Stata (Excellent), Latex (Excellent), R (Good), ArcGIS Pro (Good), QGIS (Good), Bash (Good), JavaScript(Basic User), MatLab (Basic User), HTML (Basic User)

ADDITIONAL INFORMATION

Interests: Advanced Music Skills (Music Theory, Harmony, Advanced Guitar Player), Cinema, Literature, Politics