

FEDERICO SCABBIA

Padua 22-06-1997

Education

- Sep 2024 – Present **Universitat Pompeu Fabra, Barcelona**
PhD
Thesis: *The New Scramble for Africa: The Case of Overfishing*
- Sep 2023 – July 2024 **Universitat Pompeu Fabra, Barcelona**
Master of research, PhD Track – Gpa: 8.8/10
Main courses: Data Science, Behavioral, Political Economy
Thesis: *Leaders and Ideologies*
- Sep 2022 – Jul 2023 **Barcelona School of Economics, Barcelona**
Master of sciences, PhD Track – Gpa: 7.3/10
Main courses: Econometrics, Microeconomics, Macroeconomics
Thesis: *The eye in the sky: satellite data applications to environmental issues*
- Sep 2019 – Oct 2021 **Bocconi University, Milan**
Master of sciences, Economic and Social sciences – Final grade: 110/110 cum laude
Main courses: Econometrics, Microeconomics, Behavioral economics, Macroeconomics, Machine Learning
Member of Bocconi students for Data Science (Sep 2020 - Jul 2022)
Attended additional PhD course "Topics in statistical and machine learning" by D. Durante (grade A)
Thesis: *What Makes the Front Page? Theoretical and Empirical Analysis of News Selection*
Thesis supervisor: Professor Nicola Gennaioli
- Sep 2018 – Dec 2018 **University of The West of Scotland, Glasgow**
Erasmus exchange – Gpa: 30.33/30
Main courses: marketing communications, strategic management, business in action
- Sep 2016 – Jul 2019 **University of Trento, Trento**
Bachelor's degree, Economic sciences – Final grade: 110/110 cum laude
Main courses: Econometrics, Microeconomics, statistics
Thesis: *Firms, social (ir)responsibility and boycotts: an economic analysis*
Thesis supervisor: Professor Marco Faillo
- Sep 2011 – Jul 2016 **Liceo classico Concetto Marchesi, Padua**
Highschool, classical studies – Final grade: 100/100

Professional experience

- Sep 2022 – Present **Universitat Pompeu Fabra, Barcelona**
Research assistant
Research assistant for Professors Marta Reynal Querol and Luigi Pascali. Scraped data and provided big data management using Python.
- Aug – Nov 2023 **Bank of Italy, Roma**
Trainee
Co-author in working project "Cyber attacks effect on Macroeconomic variables". Scraped data from FATTIVA and analyzed it using different macro-econometrics approaches.
- Sep 2021 – Jul 2022 **Bocconi University, Milan**
Research assistant
Research assistant for Professor Guido Tabellini. Solved dynamic model on MATLAB and converted video content to text using neural networks to perform text analysis. Used BERT algorithm to categorize Reddit comments for the project "Online Political Debates"
- Jul – Sep 2021 **University of Oxford, Oxford**
Research assistant
Research assistant for Professor Pedro Bordalo. Scraped data from Vanderbilt database and provided text analysis using machine learning techniques.
- Feb 2021 – Jul 2022 **Harvard Business School, Boston**
Research assistant
Research assistant for Professor Marco Tabellini. Developed econometric analysis and scraped data using STATA and Python.

- Feb – May 2021 **Bocconi University, Milan**
Research assistant
Research assistant for Professor Mara Squicciarini. Developed supervised machine learning algorithm to identify discriminatory tweets against members of the Chinese community during the early stages of Covid outbreak.
- Feb 2020 – May 2021 **Innocenzo Gasparini Institute of Economic Research, Milan**
Visiting student
Research assistant for Professors Paola Cillo and Mara Squicciarini. Intensive use of R and Python for machine learning and data cleaning.
Organized seminars for IGIER fellows, presented academic articles and discussed their validity
Authored articles on *Bocconi Knowledge* about IGIER seminars:
[Research and Policy to Tackle climate change](#), November 17 2020
[Education and innovation: a glimpse of hope for Africa](#), March 1 2021
- Feb – Sep 2019 **Junior Enterprise Trento, Trento**
Coordinator, Business Area
Coordinated and managed 11 associates and presented the association products to potential clients

Teaching

- 2024 – 2025 **Data Science Thesis Supervision**
Barcelona School of Economics, Master's program
I advise students on research design, data construction, empirical methods, and thesis writing, with projects focused on applied machine learning and data analysis.
- 2024 – 2025 **Finance Thesis Supervision**
Barcelona School of Economics, Master's program
I advise students on research design, data construction, empirical methods, and thesis writing, with projects focused on applied machine learning and data analysis.
- 2025 **Guest Lecturer**
IES Abroad Barcelona, Master in International Marketing
Delivered 4 lectures on two topics:
Celebrity CEOs: economic and strategic implications of CEO public visibility, media exposure, and firm outcomes
Marketing Strategy: firm positioning, consumer targeting, and strategic communication.
- 2024 **Teaching Assistant**
Universitat Pompeu Fabra, Business Organisation and Management I (Undergraduate)
Led tutorial sessions, assisted with coursework and exams, and provided academic support on core topics in organization, management, and firm behavior..

Awards and scholarships

- Marenostrum Research Grant (2024-2025): 700k HPC computing hours for the project Predicting conflict and other Disruptive events (Co-Investigator)*
- Google Cloud Research Grant (2023-2025): \$2000 computing credits granted by Google for the project "The new Scramble for Africa: the case of Illegal Fishing"*
- Bonaldo Stringher scholarship (2022-2024): 2-year Bank of Italy scholarship for promising graduates in Political Economy (€27 000 yearly income and tuition fees granted)*
- Collegio Bernardo Clesio (2016-2019): Placed second on 141 participants and selected to win a merit-based scholarship (free accommodation and other benefits granted).*
- Mentors4U (2018-present): Selected (top 25%) to participate to Mentors4u, a merit-based undergraduate mentoring program.*

Languages

- Italian:** native speaker
English: fluent (IELTS certificate, 8.5 (Nov 2021))
Spanish: fluent (C1)

Technical skills

- Excel, Word, PowerPoint: Advanced Level (ECDL certificate)
R, Python: Advanced level
STATA: Advanced level
LateX: Advanced level
MATLAB: Advanced level
SQL (Google BigQuery): Intermediate level