Curriculum Vitae – Fall 2024

Family name: Gorini
Given name: Lorenzo
Gender: male
Date of birth: 16/08/1991
Citizenship: Italian
email address: lorenzo.gorini2@phd.unibocconi.it)

Qualifications

MSc Data Science for Public Policy (Economics)
- University College of London (United Kingdom)
- Graduated with Honors (Grade: Distinction/1st)
- Graduate level (1 year)
- Student Representative
- Years of attendance: 2022-2023
- Main field of study: Data Science

MSc Theoretical Physics
- University of Bologna (Italy)
- Graduated with Honors (110/110 cum Laude)
- Graduate level (2 years)
- Years of attendance: 2022-2023

BSc in Physics
- University of Bologna (Italy)
- Undergraduate level (3 years)
- Years of attendance: 2010-2014
- Exchange year: Max – Planck Institute for Solid State Physics (Stuttgart, Germany)

Awards and Scholarships
- 2024 PhD Scholarship, Università Commerciale "Luigi Bocconi" (23.000 € per year) Italy
- 2023 Research Assistant Fellowship, LEAP Lab, Università Commerciale "Luigi Bocconi" (12.800 €) Italy
- 2022 UCL Scholarship, covering the MSc Data Science for Public Policy tuition fee (29.400 £) (United Kingdom)
- 2019 Fellowship, MSc thesis research (1-year), Max-Planck Institute (6500 €) (Germany)
- 2019 Scholarship, MSc thesis research, School of Science, University of Bologna (2500 €) (Italy)
- 2005 Finalist, Regional Math Contest Scuole Il Cammino

Research Interests
Development Economics, Structural Modeling, Data Science

Publications
A Weakly Supervised Deep Learning Framework for Whole Slide Classification to Facilitate Digital Pathology in Animal Study, Nicole Bussola, Joshua Xu, Leihong Wu, Lorenzo Gorini, Yifan Zhang, Cesare Furlanello, Weida Tong; Chemical Research in Toxicology, doi:10.1021/acs.chemrestox.3c00058 (Aug. 2023). 2023.

Studies abroad
Sept 2022 – Sept 2023   MSc Data Science for Public Policy (Economics) (University College of London)
Jul 2017 – Jul 2018   Experimental Researcher (Max-Planck Institute, Stuttgart, Germany)

Work Experience

Oct 2023-Aug 2024	Research Assistant (Bocconi University)
Jan 2020-Jul 2022	Junior Data Scientist (HK3Lab)
Oct 2019-Jan 2020	Data Science Research Fellow (CNR)
Jul 2017 – Jul 2018	Experimental Researcher (Max-Planck Institute, Stuttgart)

Language Skills

- **English**: IELTS (Overall Score: 7.5, British Council. IELTS Certification)
- **Italian:** Mothertongue

IT Skills

- **Advanced Knowledge:** Python (PyTorch Lightning, UMAP, NumPy, Bokeh, Pandas, Scikit-Learn), R, Stata, Excel, Office, Latex;
- **Intermediate Knowledge:** Matlab, SQL, Java, C++;
- **Basic Knowledge:** Html

- 2018: Java Academy, **Course for back-end development in Java** by Gamma Group
- 2019: Machine Learning, Coursera, by Andrew NG (Stanford University)

Other Activities

- 2004: Finalist, 96/100, National Music Competition (Violin) Italy
- 2007-2014: 1st Place, National Ultimate Frisbee Championship Italy
- 2009-2010: U20 Italian National Team Captain, European and World Ultimate Frisbee Championships
- 2010-2014 Italian National Team Athlete, European and World Ultimate Frisbee Championships