Lorenzo Mauri

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EDUCATION

Bocconi University — Milan, IT
MSc Data Science and Business Analytics (DSBA) — Sep 2019–Oct 2021
Major in Data Science
Final Grade: 110/110 with Honors; GPA: 29.8/30
Final Paper: "Stochastic Gradient MCMC: the Stochastic Barker Proposal".
Relevant Courses: Real Analysis, Probability Theory, Stochastic Processes, Optimization, Machine Learning, Bayesian Statistics, Computer Programming, Algorithms.

Bocconi University — Milan, IT
BSc in Economic and Social Sciences — Sep 2016–Oct 2019
Final Grade: 110/110 with Honors; GPA: 30.1/30
Relevant Courses: Calculus, Dynamical Systems, Statistics, Econometrics, Microeconomic Theory.

University of Pennsylvania — Philadelphia (PA), USA
Merit based exchange program — Jan 2019–May 2019
GPA: 4/4
Relevant Courses: Numerical Methods, Advanced Econometrics.

Liceo Scientifico V. Bachelet — Oggiono, IT
Scientific High School — Sep 2011–Jun 2016
Final grade: 99/100

RESEARCH EXPERIENCE

Bocconi, Department of Decision Sciences — Milan, IT
Research Assistant. Supervisor: Professor Zanella. — Nov 2021–Present

- Contributed to the analysis of a novel stochastic gradient MCMC;
- Implemented the simulation framework using R.

Bocconi Institute for Data Science and Analytics — Milan, IT
Visiting Student at the BayesLab. Supervisors: Professor Durante and Professor Prünster. — Apr 2020–Jul 2021

- Analysed and presented to the Faculty seminal and state-of-the-art papers with a particular focus on Bayesian Computation, Bayesian Nonparametrics and Probabilistic Machine Learning.

WORK EXPERIENCE

Hoffmann-La Roche - Data Science and AI team — Basel, CH
Data Science Intern. — Apr 2021–Oct 2021

- Contributed to large scale Machine Learning Projects;
- Contributed to the development of a Recommendation System.

ECB - European Systemic Risk Board Secretariat — Frankfurt, DE
Data Science Intern. — Feb 2021–Apr 2021

- Performed statistical analysis on financial data;
- Implemented Outlier Detection System.

IT Skills

Python, R, Latex: advanced level; **Matlab, Git**: intermediate level; **SQL**: beginner level.

Languages

Italian: native-speaker; **English**: fluent; **French**: basic.

Scholarships and Certificates

- Bocconi Graduate Merit Award, issued to the best academic profiles amongst the applicants for MSc.   2019–2021
- GRE: Quantitative Reasoning: 169; Verbal Reasoning: 162.   Nov 2021
- TOEFL: Total Score: 113 (Reading: 30; Listening: 30; Speaking: 26; Writing: 27).   Nov 2021

Extracurricular Activities and Interests

- Attended EPFL Summer School *"Big Data and Machine Learning for Chemistry"*.   Jun 2021
- Volunteering activities at local organizations: support during hometown celebrations and charity events.   2015–2020
- **Interests:** reading, playing soccer and basketball, running, hiking.