

Lorenzo Mauri

Durham (NC), USA
lorenzo[dot]mauri[at]duke[dot]edu
maurilorenzo.github.io

EDUCATION

Duke University

PhD in Statistical Science

Relevant Courses: Probability Theory, Linear Models, Bayesian Statistics.

Durham (NC), USA

Aug 2022–Present

Bocconi University

MSc Data Science (DSBA)

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, Algorithms.

Milan, IT

Sep 2019–Oct 2021

Bocconi University

BSc in Economic and Social Sciences

Final Grade: 110/110 with Honors; GPA: 30.1/30

Relevant Courses: Calculus, Dynamical Systems, Statistics, Econometrics, Microeconomic Theory.

Milan, IT

Sep 2016–Oct 2019

University of Pennsylvania

Merit based exchange program

GPA: 4/4

Relevant Courses: Numerical Methods, Advanced Econometrics.

Philadelphia (PA), USA

Jan 2019–May 2019

RESEARCH EXPERIENCE

Bocconi, Department of Decision Sciences

Research Assistant. PI: Professor Zanella.

Contributed to the analysis of a novel stochastic gradient MCMC (SGMCMC) to develop a method that is robust to *hyperparameter-tuning* by applying the SGMCMC framework to the “Barker Proposal Algorithm”.

Milan, IT

Nov 2021–Jul 2022

Bocconi Institute for Data Science and Analytics

Visiting Student at the BayesLab. Supervisors: Professor Durante and Professor Prünster.

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.

Milan, IT

Apr 2020–Jul 2021

WORK EXPERIENCE

Hoffmann-La Roche - Data Science and AI team

Data Science Intern.

Contributed to large scale NLP and Machine Learning Projects

Basel, CH

Apr 2021–Oct 2021

ECB - European Systemic Risk Board Secretariat

Data Science Intern.

Performed statistical analysis on financial data to assess systemic risk indicators

Frankfurt, DE

Feb 2021–Apr 2021

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 iBT: 113. 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.