Beatrice Achilli

Curriculum Vitae

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DOB: 06/05/1995

Education

2021–2025   **Bocconi University, Milano**, *Doctor of Phylosophy*, Statistics & Computer Science.
My reaserch lies at the intersection of statistical physics and machine learning. In particular I am working with my advisor Carlo Lucibello on dense associative memories and diffusion models.

2017–2020   **Università degli Studi di Milano**, *Master of Science*, Physics.
110/110 cum laude

2014–2017   **Università degli Studi di Milano**, *Bachelors of Science*, Physics.
110/110 cum laude

2009–2014   **Liceo Scientifico Statale A. Volta**.
100/100

Schools

July 2024   **Cargese Summer School and Workshop**, Institut d'Etudes Scientifiques de Cargese.
Complex and Glassy Systems

June 2023   **The Beg Rohu Summer School**, Saint Pierre Quiberon.
Statistical Physics of Complex Systems

July 2022   **Summer Graduate School**, *INdAM, SMI, MSRI*, Cortona.
Mathematics of Machine Learning

July 2022   **Advanced Statistics and Probability**, *Bocconi University*, Lake Como.
Random structures and combinatorial statistics

July 2020   **Deep Learning: a hands on introduction**, *UniGe - MaLGa*, University of Genova.

Certifications

Jan 2021   **GRE General Test**.

July 2019   **Master Scholarship for Thesis Abroad**, *Università degli Studi di Milano*, at Columbia University.

April 2015   **First Certificate of English**, Level C1.

Skills & Abilities

Programming   Python, Julia, R, C++

Software   LaTeX, GitHub, Office suite

General   Problem solving, Teamwork

Work Experience

Sep 2022 – Present   **Teaching Assistant**, Bocconi University, Milano, It.
Teaching assistant for the courses of Computer Science 1 General Mathematics, Statistics, and Quantitative methods for finance of Bachelor's degrees in economics and finance.

Jan 2021 – **ML & AI Analyst**, Jakala, Milano, It.
Sep 2021   During this stage I worked on several project developing ML solutions.

Languages

Italian	**Native Speaker**
English	**C1**
Spanish	**B1**