

Curriculum Vitae – Fall 2025

Family name: Danna

Given name: Luca

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Qualifications

PhD in Statistics and Computer Science

University Luigi Bocconi, Milan, Italy Sep 2025 – in progress

MSc in Mathematics

University of Pavia, Pavia, Italy

Sep 2023 – Jul 2025

Master thesis: "Battery Energy Storage System Valuation with Optimal Bounds" Supervisors: Carlo Orrieri, Matteo Gardini, Edoardo Santilli

Grade: 110/110 cum laude

BSc in Mathematics

University of Pavia, Pavia, Italy

Sep 2020 – Sep 2023

Bachelor thesis: "On the Chi-Square test of independence for contingency tables" Supervisor: Emanuele Dolera

Grade: 110/110 cum laude

High School Diploma

Liceo Classico Tommaso Fazello, Sciacca (AG), Italy Sep 2015 – Jul 2020

Grade: 100/100 cum laude

Awards and Scholarships

PhD Scholarship

University Luigi Bocconi, Milan, Italy Sep 2024 – in progress

Research Interests

Stochastic Processes, Stochastic Differential Equations, Stochastic Control and Mathematical Finance.

Studies abroad

Exchange Student Year

Woodburn High School, Woodburn, Oregon, US Sep 2018 – Jun 2019

German Language Summer Course

Deutschkurse bei der Universität München: Sommerkurse Aug 2025

Language Skills

Italian: native

English: C1

German: A1

IT Skills

Python, Matlab: good knowledge

Word, Excel, Power Point: good knowledge

Other Activities

Volunteer work for Woodburn High School Jan 2019 – Jun 2019

CPR and First Aid Course Woodburn High School Apr 2019 – May 2019

Participation to 16th AIMMS-MOPTA Optimization Modeling Competition 2024