




# Giacomo Cirò

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## EDUCATION

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### Bocconi University

September 2024 - July 2026

MSc in Artificial Intelligence

Milan, Italy

- GPA: 30.43/30.
- Recipient of Bocconi Graduate Merit Award (~ 36,000 €).
- Relevant coursework: Software Engineering, Mathematical Methods in Computer Science, Algorithms for Optimization and Inference, Deep Learning, Reinforcement Learning, Computer Vision, Language Technology, Information Theory.

### Bocconi University

September 2021 - July 2024

BSc in Economics, Management and Computer Science

Milan, Italy

- Grade: 110 Cum Laude.
- Thesis: "Exploring Transcriptional Interactions and Language Models for Single Cell RNA-seq Masked Value Prediction", supervised by professor Francesca Buffa.
- Relevant coursework: Machine Learning, Computer Programming, Information Theory, Linear Algebra, Calculus, Complex & Fourier Analysis, Probability & Statistics, Big Data & Databases, Game Theory & Mechanism Design, Econometrics.

## EXPERIENCE

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### Lexroom.ai

June 2025 - present

Machine Learning Engineer Intern

Milan, Italy

- Contributing to a top 1% startup by growth.

### Bocconi Institute for Data Science and Analytics

March 2024 - present

Machine Learning Researcher

Milan, Italy

- Secured two research contracts for the ERC-funded MicroC project, contributing to advanced gene prediction models under Professor Francesca Buffa's guidance.
- Designed and developed a novel model architecture that leverages prior biological knowledge and insights from AlphaFold 2 for gene expression modeling.
- Utilized SLURM for efficient job scheduling on high-performance computing (HPC) resources.
- Earned guest researcher status at [IFOM](#) to access additional research resources.

### Bocconi Students for Machine Learning (BSML)

June 2023 - present

Co-founder, Vice-President

Milan, Italy

- Obtained 150+ signatures to found the first Machine Learning Student Association at Bocconi University.
- Screened and interviewed 60+ candidates.
- Built and maintained the association's [website](#), managing multiple contributors using Gitflow.
- Supervised and directed the publication of 3 articles and 3 projects on the association's website.
- Developed and promoted the "Thesis Repo" to collect and make BSc theses available for free consultation.
- Planned and executed 6 events with external speakers (150+ guests in total).
- Hosted a tutorial session on the use of Bocconi's HPC cluster.
- Organized a hackathon with 30 participants (70+ applications) and 150 € prize, in partnership with Boston Consulting Group X, The HackLab Bocconi and Bocconi For Innovation (B4I).

## ADDITIONAL INFORMATION

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- **Skills:** Python; R; SQL; StataSE; HTML-CS-JS; Knime Analytics Platform; Office 365; SLURM; Adobe Creative Cloud; Optimization; Natural Language Processing; Neural Networks; Data Analysis; Data Visualization; Data Processing; Mathematical Modelling; Programming; Problem Solving.
- **Languages:** English (C1 - Fluent - IELTS 8.0); Italian (Native); Spanish (B1 - Basic).
- **Community Involvement & Volunteering:** AGESCI boy-scout for over 10 years. Summer camp animator at the parish oratory and cook at boy-scout summer camps.
- **Sport:** Rugby player in major Italian leagues for CUS Milano Rugby from 2010 to 2023. I now practice boxing. I enjoy running as fast as I can: I ran 21 km in 1h and 50min and 10 km in 44min.
- **Interests and more:** I love art, poetry and working out. I used to play drums and I'm now learning to play the piano. I'm good at typing fast (120 wpm at [keybr.com](#)).