

# Giacomo Cirò

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🌐 [Linkedin](#)

🐙 [GitHub](#)

🌐 [Website](#)

## EDUCATION

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### Bocconi University

September 2024 - July 2026

MSc in Artificial Intelligence

Milan, Italy

- Recipient of Bocconi Graduate Merit Award consisting of full fees and tuition waiver based on merit and academic achievements (~ 36,000 €).
- Relevant coursework: Software Engineering, Mathematical Methods in Computer Science, Algorithms for Optimization and Inference.

### 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

### Liceo Scientifico Salvador Allende

September 2016 - June 2021

Italian Scientific High School Diploma

Milan, Italy

- Final Grade: 100/100
- Final Presentation on Quantum Computing
- Internship at Polimi's "GVPM Galleria del Vento"

## EXPERIENCE

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### Bocconi Institute for Data Science and Analytics

March 2024 - present

Researcher

Milan, Italy

- Re-implemented and trained an open-source transformer model for gene expression prediction due to conflicts in the original implementation
- Transitioned to a formal contract in September 2024 to work on the ERC funded MicroC project under the supervision of prof. Francesca Buffa
- Developing novel approaches to incorporate prior biological knowledge into gene expression prediction models with insights from DeepMind's AlphaFold 2 EvoFormer module

### R.A.D. Sicherheit GmbH (F1 Paddock Club)

September 2023 - present

Access Control

Köln, Germany

- Managed the flow of 1000+ guests at Formula 1 Grand Prix
- Supervised small teams of local stewards
- Worked in 5 countries across 2 continents

### Bocconi Students for Machine Learning (BSML)

June 2023 - present

Co-founder

Milan, Italy

- Collected 150+ signatures to found the first Machine Learning Student Association at Bocconi University
- Screened and interviewed 60+ candidates
- Created and maintained the association's [website](#)
- Supervised the publication of 2 articles on the association's website
- Led a research team of 3 people supervised by a Bocconi Faculty Professor

## ADDITIONAL INFORMATION

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- **Skills:** Python; R; SQL; StataSE; HTML-CS-JS; Knime Analytics Platform; Office 365; 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 boxe and I've recently completed a half-marathon in 1h and 50min.
- **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).