Gabriele Bettineschi

👤 gabrielebettineschi.com ✉ main@gabrielebettineschi.com ⬔ github.com/gbettineschi in LinkedIn

Education

Bocconi University — **Sep 2023 – Jun 2026**
Mathematical and Computing Sciences for AI, BSc — *Milan, Italy*
GPA: 29.8/30. Coursework: Calculus I and II, Linear Algebra, Physics, Probability, C and Python, Algorithms, Economics.

Sant'Anna School of Advanced Studies — **Oct 2021 – Sep 2022**
Year-long merit program 'MeMo'. 200 students from all Italy. — *Pisa, Italy*

Liceo Camillo Golgi high school — **Sep 2018 – Jun 2023**
Sciences and Humanities, 5-year diploma.

Experience

Bending Spoons — **Oct 2024 – present**
Software Engineer, incoming intern — *Milan, Italy*

Flip CX — **Jul 2024 – Sep 2024**
AI Engineer and Data Scientist — *New York City, NY*
Worked on a conversational voice bot that automates customer phone calls of the businesses it is sold to.
- Architected and prototyped an entirely new semantic graph-based intent classifier leveraging fine-tuned BERT models and LLMs. Went from 0 to 1 on the classification of ambiguous utterances and drastically reduced misclassification.
- Built and deployed in 2 weeks a retrieval augmented generation system now handling effectively ~10% of all the calls.
- Helped prepare a successful 500k/year business case analyzing and extracting data from more than 50,000 transcripts.
- Rewrote the pipeline generating internal metrics by injecting LLMs to enhance existing metrics and create new ones.

Testate Podcast — **Nov 2021 – Jan 2024**
Co-founder, director and speaker
- 2,700,000 views and 20,000 hours listened with 10 episodes.
- Took care of branding, sourcing guests, conducting interviews, managing production, distribution, and marketing.
- Amongst the guests: Italy's best-known mathematician; the founder of NOS, the world's first media political party; an ICRC field operative with years of active service in warzones; a vice-world champion in bodybuilding.

Student Government at Liceo Golgi — **Oct 2021 – Oct 2023**
President and member of the Regional Council
- Led 1,200 students and represented 52,000 for 2 consecutive years.
- Won the election obtaining, as an individual among 12 candidates, 79% of all the preferences.
- Attained a 40% cost cut for families by revising thoroughly the school budget.
- Held speeches in front of more than 1200 people and organized events for them.

Academic Honours

Math Olympiad, 18th place in team, over 1300 teams, national.	**2023**
Math Olympiad, Bronze Medal, over 200,000 individual students, national.	**2022**
Honor Roll of Excellence, inductee, selected by the Italian Ministry of Education, national.	**2022**
Italian Language Olympiad, Finalist, over 43,000 individual students, national.	**2022**
Debate Olympiad, 2nd place in team, and tied as best individual speaker across all teams, regional.	**2022**

Extracurricular

Lead The Future mentorship — **2022 – present**
Mentee and volunteer. Met people from the world's leading realities, developed a Slack bot to streamline event organization.

Italian Rowing Federation — **2012 – present**
Gold and Silver at the Italian Championships. Varsity crew Captain. Completed two marathons on the water.

Italian Scouts AGESCI — **2012 – 2023**
12 years of team-working, community life, problem solving, extreme make-doing and service

Projects

Computing and plotting the three-body problem in Python — **Mar 2024**
Visualizing 2D trajectories of bodies each influenced by others' gravitational force; with Python, Numpy, Matplotlib.

Analysis of political awareness and study habits in Gen Z — **Jan 2022**
Collected 500+ answers on 60 questions, identified and graphed relevant correlations from 400+ pairwise comparisons.