

GABRIELE BETTINESCHI

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Education

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| Bocconi University <i>Mathematical and Computing Sciences for AI, BSc</i> GPA: 29.8/30. Coursework: Calculus I and II, Linear Algebra, Physics, Probability, C and Python, Algorithms, Economics. | Sep 2023 – Jun 2026 <i>Milan, Italy</i> |
| Sant'Anna School of Advanced Studies <i>Year-long merit program 'MeMo'. 200 students from all Italy.</i> | Oct 2021 – Sep 2022 <i>Pisa, Italy</i> |
| Liceo Camillo Golgi high school <i>Sciences and Humanities, 5-year diploma.</i> | Sep 2018 – Jun 2023 |

Experience

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| Bending Spoons <i>Software Engineer</i> | Oct 2024 – present <i>Milan, Italy</i> |
| Flip CX <i>AI Engineer and Data Scientist</i> Automated customer calls for businesses through a conversational voice bot. <ul style="list-style-type: none">Architected and prototyped a semantic graph-based intent classifier leveraging BERT-like 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.Extracted data from over 50,000 call transcripts to build a \$500k/year business case.Injected LLMs in the internal metrics pipeline to enhance measures and craft new ones. | Jul 2024 – Sep 2024 <i>New York City, NY</i> |
| Lead The Future <i>Backend Developer</i> <ul style="list-style-type: none">Developed and operated a Slack bot to streamline event organisation and marketing within a community of 1,500 STEM talents around the world. | Dec 2023 – Jul 2024 |
| Testate Podcast <i>Co-founder, director and speaker</i> <ul style="list-style-type: none">2,700,000 views and 20,000 hours listened.Took care of branding, sourcing guests, conducting interviews, managing production, distribution, and marketing.Amongst the guests: Italy's best-known mathematician, a founder of a political party, and an MIT PhD student in ML. | Nov 2021 – Jan 2024 |
| Student Government at Liceo Golgi <i>President</i> <ul style="list-style-type: none">Led 1,200 students and represented 52,000 for 2 consecutive years. Delivered multiple speeches in front of all of them.Won the election with 79% of all the available preferences. Attained a 40% cost cut revising thoroughly the budget. | Oct 2021 – Oct 2023 |

Academic Honours

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| 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

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| Italian Rowing Federation Gold and Silver at the Italian Championships. Varsity crew Captain. Completed two marathons on the water. | 2012 – present |
| Italian Scouts AGESCI 12 years of team-working, community life, problem solving, extreme make-doing and service. | 2012 – 2023 |

Projects

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| Computing and plotting the three-body problem in Python Visualizing 2D trajectories of bodies each influenced by others' gravitational force; with Python, Numpy, Matplotlib. | Mar 2024 |
| Analysis of political awareness and study habits in Gen Z Collected 500+ answers on 60 questions, identified and graphed relevant correlations from 400+ pairwise comparisons. | Jan 2022 |