# GABRIELE BETTINESCHI

 gabrielebettineschi.com    main@gabrielebettineschi.com    github.com/gbettineschi    LinkedIn

## Education

**Bocconi University** — **in progress**
*Mathematical and Computing Sciences for AI, BSc*
GPA: 29.8/30. Courses: Advanced Calculus, Linear Algebra, Physics, Statistics, Programming, Algorithms, Economics.

**M2L sponsored by Google Deepmind** — **2024**
*Machine Learning summer school*
PhD-level lectures and workshops.

**Sant'Anna School of Advanced Studies** — **2022**
*'MeMo' program for high-achieving first-generation students*

## Experience

**Bending Spoons** — **Oct 2024 – present**
*Software Engineer intern* — *Milan, Italy*
- Boosting performance and enhancing reliability of Evernote's web, desktop, and mobile clients.
- Optimising data fetching for all lists in the UI by migrating from an n+1 queries logic to a single-query one.
- Developed a strict, type-safe wrapper for the library *react-dnd* resolving hidden bugs and runtime errors.

**Flip CX** — **Jul 2024 – Sep 2024**
*AI Engineer intern* — *New York City, NY*
- Smartened a voice-AI automation handling 1.5M customer calls per week.
- Built in the first 2 weeks a retrieval augmented generation system to handle effectively ~10% of the calls.
- Architected a semantic graph classifier with BERT and LLMs to correctly infer caller intent from ambiguous utterances.
- Analysed over 50,000 call transcripts from a prospective client to tailor their $500k/year business case.

**Testate Podcast** — **Nov 2021 – Jan 2024**
*Co-founder, director and speaker*
- 2,700,000 views and 20,000 hours listened. Managed branding, guest sourcing, interviews, production, and distribution.
- Amongst the guests: Italy's best-known mathematician, a founder of a political party, and an MIT PhD student in ML.

**Student Government** — **Oct 2021 – Oct 2023**
*President*
- Led 1,200 students and represented 52,000. Delivered speeches to them and navigated politics adeptly for 2 years.
- Won the election with 79% of the votes, cut costs for families by 40% and organised unprecedented cultural events.

## Honours and awards

| | |
|---|---|
| **Math Olympiad Team National Final, 18th place,** over 1,300 teams | **2023** |
| **Math Olympiad Individual National Final, Bronze Medal**, over 200,000 students | **2022** |
| **Math Olympiad Individual National Final, 13th place,** over 45,000 students, Kangourou Math Contest | **2020** |
| **Italian Language Olympiad National Final,** over 43,000 individual students | **2022** |
| **Debate Olympiad Team Final, 2nd place,** tied for Best Individual Speaker across all teams | **2022** |
| **Lead the Future,** mentee in the top talent mentorship for the next generation of italian STEM leaders | **in progress** |

## Projects

**Aperitivi Slack bot** — **Jun 2024**
Designed, developed, and deployed a bot to make organising aperitivi in a 1,500-member Slack community as easy as sending a message. The bot helps choosing dates and locations, autonomously publishes events on Eventbrite, Instagram, and LinkedIn, and promote them in the relevant Slack channels notifying new registrations to increase the event's network effect.

**Political awareness in Gen Z: an analysis** — **Jan 2022**
Investigated the politcal knowledge of high school students via two 30-question surveys distributed to 1000 participants. Examined correlation between 400+ variable pairs, graphed and published relevant insights.

## Extracurricular

**Rowing** — **2012 – present**
Italian Champion in 2021. Varsity Captain on a mission to rebuild the team from scratch.

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