

Tebe Nigrelli

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<https://github.com/tebe-nigrelli>

Education

Milan, Italy

Università Bocconi - Bachelor of Science

Mathematical and Computing Sciences for Artificial Intelligence, 3 year English course.

Sep 2022 - Present

Current GPA: 28/30

St. Louis School - International Baccalaureate

High School Diploma with specialisation chosen in maths, physics and IT, 2 year English course.

Sep 2020 - May 2022

Final Grade: 42/45

IIS. Enrico Fermi - Liceo Classico

High School Diploma in Latin and Greek literature, attended 3 of 5 years, Italian course.

Sep 2017 - June 2020

Final GPA: 8/10

Work Experience

Bocconi University, Student Ambassador

Given tours of the university to families and perspective students, advising on course choice and interactions with faculty.

Jan 2025 - Ongoing

Hephaestus AI, Student Associations - Cofounder, Operations

Devised the internal structure of a university student association aimed at developing AI projects (75 active members) and worked on the consolidation of association culture for a stable succession of leadership.

Sep 2023 - Jan 2024

Brennerhaus, House Construction Company - Part time Developer

Coded a single-user client management system in Java for a Regional Manager, allowing to view and edit all information relevant to house construction quotes, both in table or 'tree' form, with search and filter capabilities.

Mar 2021 - Jan 2022

Languages and IT Skills

- Software: Vscode, Git(hub), Emacs, Bash, L^AT_EX, Office Suite.
- Programming: Python, Go, Java, Shell, R, Emacs Lisp.
- Languages: Italian (mother tongue), English (native), French (intermediate).

Personal Projects

Ideas developed during personal time to stimulate interests, getting inspiration from math forums and articles, and using university knowledge to learn from research papers. Multiple ideas are developed, and sometimes published.

Physics and Simulation, Thesis on Hopfield Network

Oct 2024 - Present

Currently studying a [Hopfield model](#) of making decisions, working with two thesis advisors'. Performed literature review and written simulation software in [Go](#). Applied statistical physics techniques to study the problem (Ising energy, MFT).

Golang Software, "Attimo" Personal Productivity App

Sep 2024 - Present

Started and currently developing with a collaborator: a single-user list app with calendar capabilities. A way to merge all kinds of user lists (ie. todos, reminders, notes) in a single database. The project is written in Go, using with a Text User Interface, and is hosted on Github under GPL-3.0 licence.

Data Collection and Analysis, Personal Productivity Study

Mar 2023 - May 2023

Since *Jan 2023*, developed a system to [log multiple activities](#) to calendar, including location history, which is exported to html maps through a personal script and made visible in my [Emacs agenda](#). Exported calendar data to [perform statistical analysis](#) with Jupyter Python Notebook (pandas, scikit-learn). Code and examples are on Github under CC licence.

Other Interests

- Reading - (Science) Fiction, Psychotherapy, Greek and Roman History
- Sports - Biking, Trekking, Windsurf