ALESSANDRO CLERICI LORENZINI

Master Computer Science student

- aclerici.me
- @ alessandro.clericilorenzini@studenti.unimi.it
- sgorblex
- aleclericil
- Milan, Italy
- sgorblex

ABOUT ME

Master's student in Computer Science at the University of Milan, with Erasmus stay at the University of Copenhagen and thesis at Loughborough University, I love learning by expanding my knowledge base and deepening what I already know. As a computer science enthusiast, I enjoy exploring both the theoretical aspects of my studies and the hardware and software tools I use daily. I primarily work on GNU/Linux systems, among which the main ones run Arch.

EXPERIENCE

Programming tutor

University of Milan

- 2020 – 2023 (Seasonal)
- Milan, Italy

The programming tutorship offers students from Computer Science Bachelor's degree programs who have not passed the programming exam a recovery and exercise path. The tutor's task is to assist and accompany participating students in their independent learning journey, applying didactics concepts then studied by the ALaDDIn research lab at the University of Milan.

Organizer for the Italian Bebras competition

University of Milan

- 2020 – 2022 (Seasonal)
- Milan, Italy

Bebras is a school-level computer science competition aimed at promoting the awareness of Informatics. The questions are proposed at an international level, and in Italy the competition is organized by the ALaDDIn research lab at the University of Milan.

The laboratory tutors, in collaboration with school teachers, translate the questions, adapt them to students of different categories and ages, and upload them to the portal. During the competitions, the help desk officials identify irregularities by interacting with the competition's database and timely contact the responsible teachers.

EDUCATION

M.Sc. in Computer Science

University of Milan

- Oct 2022 – Ongoing
- Milan; Copenhagen; Loughborough

With semester-long Erasmus stay at University of Copenhagen and (ongoing) thesis at Loughborough University.

Thesis: *Computational Models and Complexity Questions*, supervisors Giovanni Pighizzini (University of Milan) and Luca Prigioniero (Loughborough University)

B.Sc. in Computer Science

University of Milan

- Oct 2019 – Oct 2022
- Milan, Italy

LANGUAGES

Language	Level
English	●●●●○
Italian	●●●●●
French	●●○○○
Danish	●○○○○

TECH

Software

Git · (Neo)Vim · Tmux · Docker · PostgreSQL · GIMP · Office suites

Operating systems

GNU/Linux · Windows · MacOS

Markup languages

LaTeX · Markdown · HTML

Programming languages

Go · Java · sh/Bash · C · Python · MIPS asm · SQL · PHP

LICENSES

🚗 **Driving License B**
Cars and smaller vehicles

SOFT SKILLS

Team working · Adaptability & learning · Critical thinking & attention to detail · Problem solving · Reliability

Grade: *110 e lode* (summa cum laude)
Thesis: *Automi 1-limited* (1-limited automata), supervisors Giovanni Pighizzini and Luca Prigioniero

PROJECTS

Also see website.

SimpoLab

📅 2020 – Ongoing

SimpoLab is a group of university students with the goal of both creating useful projects and implementing meaningful ideas. On our server we host services like

- a Git server based on Gitea
- a mail server based on Postfix and Dovecot
- web servers based on Nginx
- a DNS server based on BIND
- databases

and much more.

University projects

📅 2019 – Ongoing

Development of various projects, most of which stored in a GitHub organization, related to university courses. For example

- debian-mips, a project about emulating Debian on the MIPS architecture in collaboration with professor Nicola Basilico (University of Milan)
- algocomp, notes on Algorithms and Complexity (ITA)
- recomyelp, a simple recommendation system for the Yelp dataset running on Google Colab