ALESSANDRO CLERICI LORENZINI

Software Engineer & Master's degree in Computer Science

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Milan, Italy





ABOUT ME

Master's graduate 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.

EDUCATION

M.Sc. in Computer Science

University of Milan

Oct 2022 - Dec 2024

Milan; Copenhagen; Loughborough

Grade: 110 e lode (summa cum laude)

With semester-long Erasmus stay at University of Copenhagen and 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

Grade: 110 e lode (summa cum laude)

Thesis: Automi 1-limited (1-limited automata), supervisors Giovanni Pighizzini and Luca Prigioniero

EXPERIENCE

Software Engineer

Bending Spoons

Oct 2025 - ongoing

Milan, Italy

Bending Spoons is an Italian information technology company and conglomerate based in Milan. The People Systems team is focused on the development of solutions for the internal automation and management of employees of the company and their needs.

AI & Multi-Agent Systems Engineer

Technology Reply

May 2025 - Oct 2025

Milan, Italy

Reply is an Italian information technology consulting and digital services holding company. Within Technology, the AutonomAI Business Unit is focused on the development of solutions for automation based on multi-agent AI systems.

Programming tutor

LANGUAGES

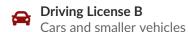
English

Italian

French

Danish

LICENSES



SOFT SKILLS

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

HOBBIES

Seminars & Conferences Linux

Latin dance Jazz & Piano FOSS

SCHOLARSHIPS

Tuition Fee Reduction for Academic Merit University of Milan

1 2020-2024

Milan, Italy

Awarded annually for meritorious academic performance during degree studies

Erasmus Scholarship University of Milan

□ 2023

Copenhagen, Denmark

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 Mi-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 The lab tutors translate the questions and adapt them to students of different categories and ages. During the competitions, the help desk officials identify irregularities by interacting with the database. **PUBLICATIONS** Two-Way Automata and Bounded Languages **Conference on Implementation and Application of Automata** Palermo, Italy WORKSHOPS AND SCHOOLS Automata in the Wild 2025 Warwick University April 2025 Warwick, UK Workshop on recent developments in automata theory and related fields. Logic Mentoring Workshop @ CSL 2025 VU Amsterdam & UvA February 2025 Amsterdam, The Netherlands Workshop aimed at introducing young researchers to the technical and practical aspects of a career in scientific research. Challenges in building Billion Users Cloud Applications **Bertinoro international Center for informatics** October 2024 Venice, Italy

Structured intensive course on advanced distributed systems

for a billion+ users, with lecturers from Google US.

Rutgers University

DIMACS Tutorial on Fine-grained Complexity

Thesis Abroad Scholarship **University of Milan 1** 2024 Loughborough, UK Support Funding for the DIMACS **Tutorial on Fine-grained Complexity Rutgers University** □ 2024 New Brunswick, USA BUCA'24 fall school scholarship **Venice International University** 2024 Venice, Italy Support Funding for the Logic Mentoring Workshop @ CSL 2025 **VU Amsterdam & UvA 1** 2025 Amsterdam, Netherlands VOLUNTEERING Erasmus Student Network Volunteer & Coordinator **Erasmus Student Network 1** 2025 -Milan, Italy Erasmus Student Network (ESN) is a non-profit international student organisation. Our mission is to represent international students, thus providing opportunities for cultural understanding and self-development under the principle of *Students* Helping Students. • Within the Milano Statale Section, I currently cover the roles of Coordinator of the Culture Working Group, ICT Coordinator, and Representative for the AskErasmus Cause. • Within the Italian National Organization, I am a member of the Culture coordinators and of the IT Commettee. Staff of Audio Mostly Conference **University of Milan 1** 2024 Milan, Italy Audio Mostly is a major international conference in the field of Sound and Music Computing. In 2024, the conference was held at the Depart-

Audio Mostly is a major international conference in the field of Sound and Music Computing. In 2024, the conference was held at the Department of Computer Science at the University of Milan. Volunteers were responsible for the organization of logistics, the reception of the attendees, the technical support during paper and poster sessions, and the social media coverage of the event.

☐ July 2024

New Brunswick, USA

Intensive academic program on fine-grained complexity, a field of theoretical computer science that studies the complexity of problems in P under hardness hypotheses.

Blood donor Avis Milano

☐ 2018-ongoing

Milan, Italy

ATTENDED CONFERENCES

Selected seminar series

- One FLAT World seminar
- Automata in the Wild 2025 at Warwick University
- departmental seminars at the University of Milan, such as MUSEMI
- departmental seminars at the University of Copenhagen
- departmental seminars at Loughborough University, such as the Loughborough TCS Seminar

Conferences

- No Hat cybersecurity conference
- Audio Mostly

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

- recomyelp, a simple recommendation system for the Yelp dataset running on Google Colab
- 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)