



Luca Chiodini

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github.com/lucach

Education

- 2018–2020 **Laurea Magistrale (Master's degree) in Computer Science**, *University of Milano-Bicocca*, Milan (Italy).
- 2015–2018 **Laurea (Bachelor's degree) in Computer Science**, *University of Milano-Bicocca*, Milan (Italy).
Graduated with 110/110 *cum laude*, with a thesis on working towards an automatic approach to identify potential binge drinkers on Twitter.
- 2010–2015 **Technical high school**, *ITIS Paleocapa*, Bergamo (Italy).
Final mark: 100/100, with a thesis on an automated spelling correction system.

Experience

- 2014–current **OII (Italian Olympiad in Informatics)**.
- Member of the scientific committee of ILOT (International Informatics Olympiad in Teams), editions 2017-18 and 2018-19, with responsibility for ideating tasks and overseeing the technical platform hosted on Google Cloud Platform.
 - Extensive work to prepare high school students for regional and national finals, with a strong focus on algorithms and data structures to solve efficiently a given problem.
 - Contributed to the development of the Italian training platform and CMS, the software used to run Olympiad-style competitions. Both are open source software available on GitHub.
 - Main organizer of ABC, an Olympiad-style online contest held each year in May.
- 2018 **CyberChallenge**, *Polytechnic University of Milan (PoliMi)*, Milan (Italy).
Participant in the first Italian training program in cybersecurity for students. Placed second in a local final challenge, a Jeopardy CTF (Capture The Flag), and competed with a team in the national final, an Attack-Defense CTF held in Rome, where we ranked second.
- 2015, Aug. **ITIS Paleocapa**, *Bergamo (Italy)*.
Web server maintenance. Setup of an Active Directory server with 1000+ users.
- 2015, Jul. **CoMac Group**, *Bonate sotto (Italy)*.
Regular maintenance of workstations, 100+ users.
- 2015, Jan. **C&D Elettronica**, *Bergamo (Italy)*.
Low level programming of Raspberry Pi libraries for custom hardware.
- 2014, Sep. **Bronze medal at OII (Italian Olympiad in Informatics)**, *Salerno (Italy)*.

Languages

Italian Native
English Upper intermediate

Technical skills

OS Advanced Linux and Windows

programming Advanced knowledge of C and C++ (including STL). Good knowledge of Python, Java, Bash and Assembly. Basic knowledge of C# and PHP.

security Applied cryptography, network protocols, web and browser security

database SQL (MySQL, PostgreSQL, SQLite) and NoSQL (Redis, Memcached)

typography \LaTeX

web design HTML5 and CSS3, JavaScript