Alessandro Righi

Curriculum Vitae

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I'm a software engineer living in San Pietro in Cariano, Verona, Italy. I define myself as an hacker, obviously in the good sense. I like trying out new things, learning how things work, taking apart, fixing and modifiying stuff, both in the software world and in the hardware world.

Education

2018–today	**Master degree in Computer Science and Engineering, with specialization in Computer Security**, *University of Verona*.
2015–2018	**Bachelor's degree in Computer Science**, *University of Verona*, *110/110 with honors*.
2010–2015	**Diploma of scientific lyceum**, *ISIS L.Calabrese P.Levi*, San Pietro in Cariano (VR), *80/100*.

Experience

2020–today	**Software engineer**, *IOTINGA SRL*.
2021–today	**Tutor for the CyberChallenge.IT program**, *University of Verona*.
2018–today	**Tutor and software developer for the Italian Olympics in Informatics team**.
2018–2020	**Tutor for the course Programming Challenges**, *University ov Verona*.
2019–2020	**Tutor for the courses Programming I and Programming II**, *University of Verona*.
2018–2019	**Tutor for the course Programming for Mathematics**, *University of Verona*.

Archivements

2020	**Third place at the CyberChallenge.IT national challenge**, *University of Verona*.
2020	**First place at the local CyberChallenge.IT CTF**, *University of Verona*.
2020	**35st place at the ICPC-ACM SWERC 2019-2020**, *Télécom ParisTech*, Paris.
2019	**21st place at the Google HashCode word finals**, *Google European Headquarter*, Dublin.
2018	**22nd place at the ICPC-ACM SWERC 2018-2019**, *Télécom ParisTech*, Paris.

Skills

Programming	Excellent software engineering skills with a multitude of programming languages, good at writing and understanding algorithms, participation in competitive programming contests.
Electronics	Basic knowledge of electronics, microcontroller firmware development, experience with IoT devices, ability to understand basic circuits, design of simple PCBs, hobbyist electrician.
Operating systems	Advanced knowledge GNU/Linux and other UNIX-like operating systems, knowledge of Windows, macOS, iOS and Android.
System administration	Administration of servers, usage of cloud services from Amazon AWS, knowledge of RDBMS, configuration of networking equipment and administration of networks.
Computer security	Good competences in computer security, penetration testing, ethical hacking, participation in CTF competitions.

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Take also a loot at my website `https://alerighi.it` and my GitHub page `https://github.com/alerighi`.