

Alessandro Righi

Curriculum Vitae

Hi! I'm a programmer living in Verona. I have a strong passion in informatics and electronics. In 2018 I graduated in computer science at the University of Verona and now I'm completing my master's degree. I participated in competitive programming competitions and I'm a tutor for the Italian Olympics in Informatics. I also took part in the CyberChallenge.IT program and now I'm a member of the 2020 Italian Team Italy of cyberdefenders.

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 SRLS*.
- 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 of 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 **35th 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 Good programming and software engineering skills with a multitude of 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, both as developer and system administrator, 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, cryptography, knowledge of the main security protocols, penetration testing, ethical hacking, participation in CTF competitions.