

Alessandro Righi

Curriculum Vitae

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*.
- 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 **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.

Languages

- Italian Native language.
- English Level B1.

Skills

- Programming languages C, C++, Rust, Python, Java, JavaScript, TypeScript, C#, PHP, Bash, assembly x86.
- Frontend development Knowledge of React and React Native frameworks, HTML5, CSS, Node.js, and GraphQL.
- Cloud computing Experience with serverless architectures in Amazon AWS, in particular with AWS AppSync, Amplify, Cognito, Dynamodb, Lambda, CloudFormation.
- Operating systems Good knowledge of UNIX-like systems, in particular GNU/Linux, but also of Windows, MacOS, iOS and Android.
- Computer security Ethical hacking and penetration testing, I also took part at the CyberChallenge.it 2020.
- Algorithms Good knowledge of algorithms with the ability to invent new ones, participation in various competitive programming contests.
- Databases Relational databases (PostgreSQL, MySQL, SQLite) and no-SQL ones.