



Merlano Riccardo

PROFILE

I am a computer engineer and I live with the constant motivation to improve in everything I do both in professional and private life to build day by day a "better me".

SOFT SKILLS

- Italian: native language
- English: B2
- Problem Solving
- Team work predisposition
- Good interpersonal skills

CONTACTS

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Location: Vigevano (PV), Italia

EDUCATION

I.T.I.S. G. Caramuel, Vigevano (PV)

High School Diploma, 2009 – 2014

- Liceo scientifico tecnologico.

Università degli Studi di Pavia, Pavia

Bachelor Degree (course in Italian), 2014 – 2018

- Laurea Triennale in Ingegneria Elettronica e Informatica
- Thesis title: *Studio dei fattori che influenzano la risposta al pasto durante la sperimentazione di un pancreas artificiale nel centro clinico di Amsterdam.*

Università degli Studi di Pavia, Pavia

Master Degree (course in English), 2018 – 2020

- Master Degree in Computer Engineering: embedded and control systems
- Thesis title: *Study and analysis of Cross Site Leaks (XS-Leaks) attacks with individuation of security countermeasures applicable to FacilityLive Cloud platform.*
- Results published on the only one wiki about XS-Leaks in the world (<https://xsleaks.dev/>).

PROFESSIONAL EXPERIENCE

FacilityLive Op.Co.

Cyber Security Engineer | Pavia, Italia

- Application Pentesting activities targetting FacilityLive's platforms.
- Vulnerability assessments of services and applications deployed on FacilityLive's proprietary cloud environments.
- Code review through automated tools and SonarQube administration.
- Internal staff security training and awareness.
- Development of a internal CTF (Capture The Flag) platform.

SKILLS

Technical Skills

Programming languages

- **C:** academic knowledge, no longer used for some time, but I could read it and orient myself;
- **Java:** academic knowledge, no longer used for some time, but I could read it and orient myself;
- **JavaScript:** basic knowledge obtained by self-taught. Used for the realization of scripts related to my master thesis and small web developments;
- **Python:** basic knowledge obtained by self-taught. Mainly used for scripting and web development using **Flask** and **Django** frameworks.

Cloud-oriented technologies

- **Docker:** basic usage, creation and interaction with containerized services;
- **Kubernetes** knowledge of basic concepts and terminology, mainly used in PenTest and Vulnerability Assessment context;
- **AWS:** knowledge of main "serverless" products (i.e. Lambda, DynamoDB and API Gateway). Knowledge self-assessment: halfway between "Cloud Practitioner" and "Solutions Architect - Associate" certifications.