

Denny Verduchi

15/01/1992 | (+39) 340 5085614 | Florence, Italy | dennyverduchi@gmail.com | jonesthecat.net | [LinkedIn](#)

I completed my studies in Computer Science at the University of Florence with a thesis on autonomous vehicle driving. Subsequently, I developed a strong passion for cybersecurity, attending cybersecurity courses at the University of Modena and Reggio Emilia. I have worked in companies and startups, where I enhanced my skills as a software engineer, before dedicating myself to the field of cybersecurity as an independent consultant.

Education

In progress

OSEP - Offensive Security

I am currently preparing for the OSEP exam from Offensive Security, focusing on evasion techniques and advanced penetration testing (<https://www.offsec.com/>).

2021

SECURITY ANALYST | PENETRATION TESTER (<https://cyber.unimore.it/corsi>)

Cyber Academy, University of Modena and Reggio Emilia

- Networks and security
- Vulnerabilities and attacks
- Monitoring tools (IDS - IPS)
- VA-PT activity management
- VA-PT tools and methodologies
- VA-PT reporting

2015 - 2020

BACHELOR'S DEGREE IN COMPUTER SCIENCE (<https://www.informatica.unifi.it/>)

University of Florence

Key subjects studied and skills acquired:

- Mathematical and logical-deductive knowledge to propose precise and correct solutions and implement them in a programming language.
- Engineering knowledge that allows modeling the problem, structuring the solution, and developing it with techniques ensuring maintainability.
- Interdisciplinary knowledge to develop tools for various sectors of society.
- Ethical knowledge to understand the security, confidentiality, and legality issues arising from the development of such tools.

Languages

Native language: **ITALIAN**

Other languages: **ENGLISH B2**

Work Experience

2024 - today

CYBERSECURITY CONSULTANT | PENTESTER | BUG BOUNTY HUNTER - FREELANCE

Combining the experiences gained in previous jobs and my strong interest in cybersecurity, I managed to obtain results as an independent professional, providing preventive consultancy services for the development of web applications and custom software for the secure management of mechanical elements subject to movement and controllable remotely. I performed some penetration tests for online customers, using various tools available on the Kali Linux operating system and creating dedicated exploits when necessary, reporting the found vulnerabilities on detailed reports. I also started to deal with some tasks as a bug bounty hunter on various online platforms, to broaden my knowledge base.

07/2022 - 09/2023, Florence (Italy)

SOFTWARE ENGINEER - ECODRONE S.R.L.

I was involved in developing and updating various software and hardware solutions. I developed a web application (JavaScript), based on Mapbox APIs, which allows the team to create, modify, and analyze drone missions in real-time. I worked on the development of the bidirectional remote communication system between the client and drone (supported by a custom server as an intermediary), interacting in real-time with the microcontroller (Teensy4.0) that collects navigation and mission data, and communicates with all the drone's sensors. This allowed for remote control and real-time mission analysis. I managed the data collection process from the drones into a MySQL database, enabling filtered and relevant data presentation in a dedicated service on the web application. I also developed specific software (C++) to interact with certain drone sensors and display their output on interfaces created using Qt libraries. Additionally, I worked on software development for the robotic arm module on the drone, used for water analysis with an onboard colorimetric photometer. Lastly, I wrote Ash shell scripts for RutOS (Linux-based OpenWrt OS) to create and customize communication routines between the base router and company servers.

01/2022 - 07/2022, Padua (Italy)

FULL STACK DEVELOPER - CORVALLIS S.R.L.

As an external collaborator, I contributed to the development of applications and the migration of code from a proprietary framework to Spring Boot, for the client BCC RP (Savings and Pension). Specifically, I worked on web platforms for employee use, for monitoring and managing client investment and savings assets, and personal data. My work involved both backend development (Java) for data processing and frontend development using the Angular framework for distributing and managing processed information. I directly interacted with persistent data in Oracle databases using Hibernate tools provided by Spring Boot, creating scripts for data management and queries.

2019 - 2021, Florence (Italy)

SOFTWARE AND WEB DEVELOPER - FREELANCE

I collaborated on several minor projects as a programmer, developing tools for proprietary code and creating third-party software. The main programming languages I used during this experience were Java, Python, and C. I also had the opportunity to develop websites for private clients and small businesses, writing HTML and CSS code for the site or using WordPress for some projects.

09/2013 - 07/2016, Florence (Italy)

CRM OPERATOR | OFFICE RECEPTIONIST - ACF FIORENTINA S.P.A.

In the first year at the company, I managed customer relations using Cisco CRM software from an external office. In the following two years, I was transferred to the main office, where I handled client appointments and hosted guests during sporting events.

Volunteer Work

2012 - 2013

BLS-D RESCUER - FRATELLANZA MILITARE FIRENZE

I decided to dedicate myself to this activity before completing my high school diploma. Being in contact with people who dedicate their energy to helping others allowed me to work on my cynicism and grow significantly. My ability to remain calm in critical situations proved to be a valuable asset during times of high stress.

I authorize the processing of my personal data included in this CV for recruitment purposes, in compliance with applicable data protection laws, including but not limited to the General Data Protection Regulation (GDPR) (EU) 2016/679, the California Consumer Privacy Act (CCPA), and other relevant regulations.

Florence, 15/03/2025