Davide Verardo

Place and Date of birth: Poggiardo (LE), Italia – 17/04/1995 **Address**: Via Giovanni Pascoli 36, Surano(LE)
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Academic Experience

University of Salento – Lecce, Italy	**Start/End (11/23)**

STATE EXAMINATION AND QUALIFICATION AS AN ENGINEER
Currently unregistered

Alma Mater Studiorum, University of Bologna – Bologna, Italy	**Start (01/21) – End (03/23)**

MASTER'S DEGREE IN COMPUTER ENGINEERING
Graduation Thesis : ZTA in OT/IoT Infrastructure (Supervisor : Prof. Michele Colajanni)
Final Grade: 104/110

University of Rome Tor Vergata – Rome, Italy	**Start (10/14) – End (10/20)**

BACHELOR'S DEGREE IN COMPUTER ENGINEERING
Final Grade: 94/110

Work Experience

**BIP (Business Integration Partners)	CyberSec – *Rome, Italy***	**Start (09/23) - In progress**

Position title: Security Consultant
Technical and governance-side support to customers on various information security aspects in IT and OT field.
Main customers: Edison Spa, Terna Spa, Areti Spa.

Mondoverde B&B – Surano(LE), Italy	**Start (06/19) - In progress**

Position title: Manager and Receptionist
I work in a family-owned BeB managing entirely the organizational, financial and advertising side of the business.
Front Office : Accommodation reception and registration, customer service, invoicing.
Back Office : Accounting, service coordination, advertising management.

Imola Informatica S.p.a – *Bologna/Imola, Italy*	**Start (10/22) – End(03/23)**

Position title: Intern Student
During my last college term, I did a curricular internship at Imola Informatica, a company active in the cybersecurity industry.
During my thesis activity I developed the implementation of a Zero Trust Architecture in an industrial environment.

Professional Service S.r.l – *Lecce, Italy*	**Start (10/16) – End(09/22)**

Position title: IT Technician
Since the beginning of university, I have worked at the company Professional Service Srl, in Lecce. The tasks were mainly hardware and software support to the company's customers for issues related to the operation of corporate networks and electronic devices used and the creation of management software in the retail field.

Tor Vergata Career Services - Rome, Italy	**Start (09/17) – End(09/18)**

Position title: Project Manager Assistant
Organization of events (Career Days, Company presentations, Classroom Testimonials, Recruiting Days); managing contacts with companies.

Other jobs and volunteering:
During high school and university, I frequently worked as a waiter and volunteered. I was on the boards of the charity "F.R.A.T.E.S" and the youth organization "Simenti," handling mediation with other associations and managing IT equipment.

Academic Project Activities – University of Rome Tor Vergata / University of Bologna

Project Name: CTF Laboratory	**Information Security M**

Tasks performed: Hashing Algorithms, Brute Force/ Dictionary Attack, symmetric and asymmetric cryptography, Information Gathering, Vulnerability analysis and exploitation (SQL Injection, SQL Map, OS Injection, File Inclusion), Metasploit.

Project Name: Zero Trust Architecture in OT/IoT Infrastructure	**Cybersecurity M**

Tasks performed: Development of a proof of concept on Linux with simulation environment created with Docker, management of Docker compose and container management commands.
Using Wireguard VPN for the security phase (protocol installation and iptables management) and Modbus in the communication part. Creation of a Python socket system for implementing an additional filtering policy on the data.

Project Name: UDP-TCP File Transfer   **Internet and Web Engineering**
Tasks performed: Berkeley sockets management, Bash scripting, Python.

Project Name: EcoClean   **Software Engineering for Web (ISPW)**
Tasks performed: Diagram development (Activity, Sequence, State and UML diagram), user Interface (HTML, Java, Javascript),servlet management, MVC pattern design and development, query design in SQL language.

Project Name: National Astrophysics Institute data bank manager   **Data Bases and Knowledge**
Tasks performed: Java, SQL, ER scheme design, logical model and database design, database management with pgAdmin.

Tech Skills, Courses & Certifications

Programming and Scripting languages : Good knowledge of Python, C and Java; medium of Powershell, Bash, HTML, SQL, and Golang; basic knowledge of Swift and Matlab (Simulink).

Softwares & Framework : Basic use of Spring and container orchestration systems such as Docker and Kubernetes, use of testing and penetration software like BurpSuite and Metasploit.
Use of packet sniffing software such as Wireshark and VPNs like Wireguard.
Good knowledge of the Office package (Excel, Word, PowerPoint, Access – creation of management software).
Good knowledge of Veeam Software (Veeam Console, VBR) , TxOne Stellar, TxOne EdgeIPS Console, Cyber Risk Dive (Bip).

Operating Systems : Excellent knowledge of Microsoft Windows OS, Mac OS X, IOS, Android OS; medium knowledge of GNU/Linux.

Certified Course :

- **CompTIA Security+** – MUSA Formazione
  Course Location: Online   Course Teachers: Lorenzo Giustiniani.
  Start (01/2023) – In Progress

- **L'Ethical Hacker, una vita tra attacco e difesa –** Ethical Hacker Italiani
  Course Location: Bologna(BO)   Course Teachers: Alessandro Vannini, Eugenio Fontana.
  Start - End(09/22)

- **Cybersecurity e Blockchain** – Forpin Piacenza   Course Teachers: Giorgio Sbaraglia, Marco Tupponi.
  Start(06/22) - End(08/22)

- **QRadar Course (QRadar Security Intelligence, QRadar Advisor)** - Cybersecurity University.
  Course Location: IBM Italia Spa, Rome(RM)   Course Administrator : Michele Di Pierro, Domenico Raguseo.
  Start(11/18) - End(13/18)

Certified Advanced Training Course :

- **Computer Forensic and Digital Investigation**   Course Administrator : Giovanni Ziccardi (University of Milan).
  Start(10/22) - End(01/23)

- **Service and Innovation for Industry 4.0 (SII40)**   Course Administrator : Luca Foschini (University of Bologna).
  Start(04/22) - End(09/22)

Other Certifications : P.E.K.I.T Expert, ECDL Advanced, EIPASS.

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Other training activities

- E-commerce creation and management (Drop-shipping); Facebook and Instagram Ads administration.

Languages

Italian: Mother tongue   **English**: Good Knowledge (B2)   **French:** Beginner

Other interests

I'm a great lover of team and individual sports; during high school I obtained my black belt in karate and now I love gym and playing football. My main passions are computer science, trips, videogames, music, economics, literature and astronomy