# Emerson Leao de Andrade Silva

**7 feb 95, Brazil |** [emerson@ex1.dev](mailto:emerson@ex1.dev)| Firenze – Italy

## LANGUAGE SKILLS:

- **Portuguese:** Native;
- **Italian:** Fluent;
- **English:** Fluent;
- **Hebrew:** Basic;
- **Spanish:** Intermediate.

## CERTIFICATIONS:

- **Certified Professional Penetration Tester - eLearnSecurity** (**https://verified.elearnsecurity.com/certificates/57f4c426-32ac-4df7-9b21-98b75a384e68**)
- **Junior Penetration Tester - eLearnSecurity** (**https://verified.elearnsecurity.com/certificates/171ffb4a-0a0f-4b12-b7b4-1d1be89cc328**).

## WORK EXPERIENCE:

- **Penetration Tester at Software Inside - IBM (june 2022 - present);**
    - Penetration testing on Windows, Linux and web apps;
    - Vulnerability assessment with Nessus and Burp Suite Pro;
    - Report writing.
- **Freelance Security Researcher at intigriti.com - RANK #962 (Bug Bounty Hunting)**
    - **Hacking on private bug bounty hunting programs in the following areas:**
        - banking & finance;
        - passport releasing/renewal, transport and telecommunication systems of UE states.
- **Freelance Security Researcher at hackerone.com (Bug Bounty Hunting)**
    - **Hacking on private bug bounty hunting programs in the following areas:**
        - online betting;
        - investment banking;
        - employee monitoring software, data loss prevention, insider threat detection e workplace productivity;
        - car manufacturers;
        - gaming;
        - pharmaceutical companies.

- **Back Office/Data analyst – GATE 3 (Firenze, 1 jan 18 – 1 jun 20**): Bureaucratic procedures regarding Italian citizenship requests; intermediation between public administration entities and foreigners; Relocation.
- **Back Office/Data analyst – People Interplay (Greve in Chianti, 1 jun 16 – 31 dic 17**): *Idem*;
- **Private teacher (Brazil, 1 jul 13 – 1 jun 14) :** English, Math, Geography , History and Portuguese.
- **Smartphone repairing (Brazil, 1 jan 10 – 1 mar 12):** iOS and Android.
- **Linguistic and cultural mediation between Brazilian and Israeli companies (Israel, jan 2013):** mediation for the acquisition of security equipment, weapons, drones, survey cameras and ammunition.

## TECH SKILLS/ACHIEVEMENTS:

- **Pro Hacker at Hack the Box - #450 Global Ranking (https://app.hackthebox.com/profile/436282);**
- **Ethical Hacking - Top 2% hackers at tryhackme.com (https://tryhackme.com/p/log1);**
- **CTF:**
    - **2022 Synack #RedTeamFive Open Invitational: Rank 171/1000;**
    - **Yogosha Christmas Challenge 2022: Rank 36/350.**
- **Networking:** OSI model, TCP/IP protocols, traffic analysis with Wireshark;
- **Bash scripting:** Task automation in Linux and scripting for hacking;
- **Python**;
    - Code Signal level 14 https://app.codesignal.com/profile/emersonleao;
    - scikit-learn, pandas, numpy, matplotlib (basic level);
    - web development with Django (basic level).
- **Penetration testing tools/techniques;**
- **Penetration testing frameworks:** OSSTMM, NIST, OWASP;
- **Exploit Development;**
- **Reverse engineering;**
- **HTML & CSS**;
- **Git**.

## EDUCATION:

- **Computer Engineering – Università di Firenze (12 sep 20 – present);**
- **Computer Science – Università di Firenze (12 sep 17 – 12 sep 19) ;**
- **Overseas Students Program – Ben-Gurion University of the Negev (1 feb 13 – 1 jul 13):** War, Security and Globalization – Holy War in Judaism, Islamism and Christianity – Media, Risk and Disasters.