

## Language Skills

• **Portuguese:** Mother tongue

### • English

- Listening: C1
- Reading: C1
- Spoken production: C1
- Spoken interaction: C1
- Writing: B2

## Skills

Hard Skills:

- Packet Tracer Cisco & GNS3
- Wireshark
- Virtualization (VMware/VirtualBox/Proxmox)
- Operation Systems Windows, Linux
- Log Analysis
- Data analysis
- SQL
- Python (computer programming)

Soft Skills:

- Time management
- Ability to work under pressure and stress
- team-work in team
- mentoring



europass

## Sara Oliveira

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<https://sara-soares-de-oliveira.github.io/portfolio/> LinkedIn: [Sara Oliveira](#)

GitHub: [Sara Oliveira](#) Work address: Beja (Portugal)

## About myself

Computer Science student (3rd year) with strong interest in Information Security, Networks, and Systems Administration. Hands-on experience in Linux environments, SSH log monitoring, and network fundamentals, with focus on infrastructure protection and attack detection. Motivated, organized, and technically proactive.

## Work experience

### Crew Trainer

05/09/2023 – Current

Mc Donalds | Beja, Portugal

- Training and mentoring new employees.
- Team coordination in high-pressure environments.
- Development of leadership and communication skills.

## Projects

### Real-Time SSH Attack Detection System

Current

Built a Python-based real-time SSH brute-force detection system with automated IP blocking via iptables, implemented and tested in an Ubuntu Server virtual lab.

<https://github.com/Sara-Soares-de-Oliveira/real-time-ssh-attack-detection>

### Linux SSH Log Analysis

Developed a log parsing and behavioral detection pipeline to identify brute-force authentication patterns using time-based aggregation and statistical visualization.

<https://github.com/Sara-Soares-de-Oliveira/linux-ssh-log-analysis>

## Certifications

### Introduction to the Threat Landscape 3.0

Fortinet

## Education & Training

### Licenciatura em Engenharia Informática

01/09/2023 – Current

Instituto Politécnico de Beja | Beja, Portugal

Level in EQF: 6 | Website: [www.ipbeja.pt](http://www.ipbeja.pt)