Guilherme Gonçalves

Date of birth: 12 Jan 2001

Nationality: Portuguese

CONTACT

📍 Avenida João XXI Nº 23 6º esq, 1000-299 Lisboa, Portugal **(Home)**

✉️ guilherme.goncalves.work@gmail.com

📞 (+351) 910772464

🌐 https://guilherme-goncalves793.github.io

in www.linkedin.com/in/guilherme-gonçalves-1263b7222

ABOUT ME

Hello, I'm Guilherme, a Security Engineer at Inspiring Solutions with a strong passion for cybersecurity and a talent for tackling complex challenges in the field. Professionally, I am particularly interested in Vulnerability Management, Penetration Testing, and Red Teaming. I also have experience as a CTF player, which has honed my skills in practical cybersecurity challenges.
Outside of work, I enjoy staying active through surfing, CrossFit, reading, traveling, and spending time with friends.

WORK EXPERIENCE

1 JAN 2023 – CURRENT Lisbon, Portugal

Security Engineer Integrated Inspiring Solutions

Currently focused on auditing the security of IT systems, which includes:
- IT asset inventory
- Security Life-Cycle Review
- Best Practice Assessment
- Vulnerability Assessment
- Penetration Testing

In the past, I have implemented and managed security oriented solutions such as:
- Firewalls
- XDR
- Privilege and Non Privilege Accesses
- VPN
- SIEM

Address Cais do Olival 4, 1990-230, Lisbon, Portugal

14 NOV 2022 – 31 JUL 2024 Lisbon, Portugal

Teaching assistant DEC/DEI - Instituto Superior Técnico

During my time as a teaching assistant, I taught the laboratory shifts of the following courses:
- Computer Networks (2022/2023)
- Computer Networks (2023/2024)
- Distributed Systems (2023/2024)

All these course are integrated in the Bachelor's Degree of Computer Science and Engineering at Instituto Superior Técnico.
I was in charge of teaching the laboratory shifts which included consolidating the concepts taught in the theoretical classes, project support and occasional evaluations

LANGUAGE SKILLS

MOTHER TONGUE(S): Portuguese

Other language(s):

English

Listening B2	**Spoken production** B2
Reading B2	**Spoken interaction** B2
Writing B2	

German

Listening A1	**Spoken production** A1
Reading A1	**Spoken interaction** A1
Writing A1	

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

EDUCATION AND TRAINING

15 SEP 2022 – 12 NOV 2024 Lisbon, Portugal

Master of Science in Computer Science and Engineering Instituto Superior Técnico

Specialized in two areas:
  • Cyber Security
  • Distributed Systems

Website https://guilherme-goncalves793.github.io/studies/masters/ ∣ **Field of study** Cyber Security ∣ **Level in EQF** EQF level 7 ∣ **Thesis** Detecting Multi-file Vulnerabilities using Code Property Graphs

21 SEP 2019 – 28 JUL 2022

Bachelor in Computer Science and Engineering Instituto Superior Técnico

Covered all basic areas of Computer Science such as:
  • Programming (function, logical, object-oriented)
  • Computer Organization
  • Operating Systems
  • Computer Networks
  • Computer Graphics
  • Databases
  • Artificial Inteligence
  • Distributed Systems
  • Algorithms
  • Math (Calculus, Algebra, Probability and Statistics)
  • Physics

Website https://guilherme-goncalves793.github.io/studies/bachelor/ ∣ **Field of study** Computer Science, Engineering ∣ **Final grade** 16 ∣ **Level in EQF** EQF level 6 ∣ **National classification** 16 ∣ **Type of credits** ECTS ∣ **Number of credits** 180

AUG 2016 – JUN 2019

12º Year in Science and Technology (High School) Escola Secundária Dona FIlipa de Lencastre

Field of study Physics, Biology, Math, Philosophy, English, Chemistry, Portuguese ∣ **Final grade** 17.6

AUG 2016 – JUN 2017

First Certificate in English Cambride University

DIGITAL SKILLS

Microsoft Office ∣C , C++ Programing ∣Programing: Python ∣Ability to easily learn new information and tasks ∣Programing: Prolog ∣I like teamwork ∣Programing: Javascript ∣Knowledge of Git ∣shell programing ∣Programing: Java ∣Endpoint Security ∣Cyber-Security ∣Vulnerability Assessment ∣Network Security ∣Network Security Implementation ∣Linux ∣Information Security ∣SIEM ∣Firewall Management ∣IAM ∣Computer Networks ∣Distributed Systems ∣Teaching

HOBBIES AND INTERESTS

- **1º Kyu Brown Belt in Karate**

- **Surf Practice**

- **Reading**

- **Crossfit**

- **Cyber Security**

  In my spare time, I participate in CTF (capture the flag) competitions with STT (Security Team Tecnico) where relevant aspects of Cyber Security are taught and discussed. Click here to see my writeup for challenges that I managed to solve

CYBERSECURITY CONTRIBUTIONS

- **Path-traversal in the NPM package tal-page-strategies**

  During my research as a master student at IST (in the year of 2024), I identified a vulnerability in the NPM package **tal-page-strategies**. The developers acknowledge my efforts and have awarded me a place in their Hall of Fame

  This vulnerability has been submited to the **MITRE** platform and corresponds to CVE-2024-44711

  A link to a simple GitHub gist poc is provided bellow

  Link https://gist.github.com/guilherme-goncalves793/aea8f082395f747b055ea58b4c8a840e

- **Path-traversal in the NPM package simple-spellchecker**

  During my research as a master student at IST (in the year of 2024), I identified a vulnerability in the NPM package **simple-spellchecker**.

  This vulnerability has been submited to the **MITRE** platform and corresponds to CVE-2024-46503

  Two links to GitHub gist pocs are provided bellow

  Links https://gist.github.com/guilherme-goncalves793/9c3125c6c8e33e0d9216847118137c63 | https://gist.github.com/guilherme-goncalves793/30d62c12fffd18d4058f4aebe188f462

HONOURS AND AWARDS

23 MAY 2024 Instituto Superior Técnico

- **Teaching Excellence Award**

  I was given the teaching excellence award for teaching the Computer Networks Course on the year 2022/2023

29 MAY 2023 Insituto Superior Técnico

- **Academic Merit (2021/2022)**

  I was awarded the Academic Merit award diploma for my results during the academic year of 2021/2022

29 MAY 2022 Instituto Superior Técnico

- **Academic Merit (2020/2021)**

  I was awarded the Academic Merit award diploma for my results during the academic year of 2020/2021

23 MAY 2021 Instituto Superior Técnico

- **Academic Merit (2019/2020)**

  I was awarded the Academic Merit award diploma for my results during the academic year of 2019/2020

PROFESSIONAL CERTIFICATIONS

28 SEP 2023

- **Jr Penetration Tester**

  Link https://tryhackme-certificates.s3-eu-west-1.amazonaws.com/THM-7UVCJJ28AZ.png

24 SEP 2024

Offensive Pentesting
Link https://tryhackme-certificates.s3-eu-west-1.amazonaws.com/THM-GYMWSP1NYD.png

29 JUN 2024

Red Teaming
Link https://tryhackme-certificates.s3-eu-west-1.amazonaws.com/THM-ICJ60YCVMP.png

MAY 2023 – MAY 2025

Proofpoint Accredited Channel Sales Engineer
Link https://verify.skilljar.com/c/pvvwobzur3ze

APR 2023 – APR 2025

Proofpoint Accredited Channel Sales Professional
Link https://verify.skilljar.com/c/czsbmhqp8bc6

MAR 2023 – MAR 2025

Palo Alto Networks Certified Cybersecurity Entry-level Technician
Link https://www.credly.com/badges/f5e5b3ac-9e3b-485b-91b0-6b072e852545/linked_in_profile

19 JUN 2024

Delinea Secret Server Associate

Palo Alto Networks Certified Network Security Administrator
Link https://www.credly.com/badges/8dc87c57-313d-4830-bac6-e2d48e2ac9f3/linked_in_profile