




# Guilherme Gonçalves


**Date of birth:** 12 Jan 2001

**Nationality:** Portuguese


## CONTACT

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## ABOUT ME

Hello, I'm Guilherme, a Master's student in Computer Science at Instituto Superior in Lisbon and a Security Engineer at Inspiring Solutions. I'm passionate about cybersecurity and have a knack for solving complex problems, especially in the realm of Cyber Security. I'm currently dedicated to my master's thesis, focusing on detecting vulnerabilities in code using static analysis techniques. Outside of academics, I'm an active individual who enjoys surfing, CrossFit, reading, traveling, and socializing with friends. My involvement in CTF events with STT showcases my practical skills and enthusiasm for cybersecurity challenges.

## WORK EXPERIENCE

**1 JAN 2023 – CURRENT** Lisbon, Portugal

### Security Engineer Integrated Inspiring Solutions

My daily responsibilities involved:

- Bridging the gap between the security-oriented solutions offered by our partners (IBM, Palo Alto, Checkpoint, etc...) and our customers
- Implementing those solutions in the clients
- Providing client support for the implemented solutions by managing them

Additionally, I assisted the Security and Network team at Banco de Investimento Global (BiG). This included managing the bank's:

- Firewalls
- Policies
- Privilege and Non Privilege Accesses
- Networks
- 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

**19 SEP 2020 – 30 JUN 2021** Lisbon, Portugal

### Mentoring Program NAPE - IST

This program focus on helping the IST's new students in everything they might need. Its a yearly program, which I participated for two years.

The program starts on the first day of classes, where I was tasked with giving a tour around the campus and helping them with enrolling in the university.

Then throughout the year, I'd be in charge of a group of 5 new students, which I'd help in anything they needed from simples things as where's the super market to sharing my classes' notes with them

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Portuguese

**Other language(s):**

English

**Listening** B2

**Reading** B2

**Writing** B2

**Spoken production** B2

**Spoken interaction** 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

**21 SEP 2019 – 28 JUL 2022**

### ● **Bachelor 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 Intelligence
- Distributed Systems
- Algorithms
- Math (Calculus, Algebra, Probability and Statistics)
- Physics

**Website** <https://guilherme-goncalves793.github.io/education/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** Cambridge University

## DIGITAL SKILLS

Microsoft Office | C, C++ Programming | Programming: Python | Ability to easily learn new information and tasks | Programming: Prolog | I like teamwork | Programming: Javascript | Knowledge of Git | shell programming | Programming: 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

### ● 1° 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 Técnico) 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 submitted 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 submitted 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-goncalves793/30d62c12fffd18d4058f4aeb188f462>

## 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** Instituto 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>

AUG 2023 – AUG 2024

**IBM Security Randori - Attack Surface Management Technical Sales Intermediate**

Link [https://www.credly.com/badges/0fdd1a05-8e38-45ce-bb18-4692e933dd03/linked\\_in\\_profile](https://www.credly.com/badges/0fdd1a05-8e38-45ce-bb18-4692e933dd03/linked_in_profile)

AUG 2023 – AUG 2024

**IBM Security ReaQta - Endpoint Detection and Response Technical Sales Intermediate**

Link [https://www.credly.com/badges/66a92703-6c02-478b-ab30-e6163090b078/linked\\_in\\_profile](https://www.credly.com/badges/66a92703-6c02-478b-ab30-e6163090b078/linked_in_profile)

MAY 2023 – MAY 2024

**IBM Cloud Pak for Security Sales Foundation**

Link [https://www.credly.com/badges/9d65a8b4-65eb-4f16-935c-bf04bdb1d7d0/linked\\_in\\_profile](https://www.credly.com/badges/9d65a8b4-65eb-4f16-935c-bf04bdb1d7d0/linked_in_profile)

MAY 2023 – MAY 2025

**Proofpoint Accredited Channel Sales Engineer**

Link <https://verify.skilljar.com/c/pvwwobzur3ze>

MAY 2023 – MAY 2024

**IBM QRadar XDR - Security Information and Event Management Technical Sales Intermediate**

Link [https://www.credly.com/badges/a470b906-f58e-4712-989e-4e2b14c9a91a/linked\\_in\\_profile](https://www.credly.com/badges/a470b906-f58e-4712-989e-4e2b14c9a91a/linked_in_profile)

MAY 2023 – 1 MAY 2024

**IBM QRadar XDR - Security Orchestration Automation and Response Technical Sales Intermediate**

Link [https://www.credly.com/badges/067b57dc-8e8d-4d5c-8746-a9474015cba8/linked\\_in\\_profile](https://www.credly.com/badges/067b57dc-8e8d-4d5c-8746-a9474015cba8/linked_in_profile)

JAN 2023 – 1 MAY 2024

**IBM QRadar XDR Connect Technical Sales Intermediate**

Link [https://www.credly.com/badges/afaf986d-3328-4c39-a19b-3a345665ebb4/linked\\_in\\_profile](https://www.credly.com/badges/afaf986d-3328-4c39-a19b-3a345665ebb4/linked_in_profile)

MAY 2023 – MAY 2024

**IBM QRadar XDR Sales Foundation**

Link [https://www.credly.com/badges/89d9a928-46d5-49d7-bce6-a8a03f2d4df7/linked\\_in\\_profile](https://www.credly.com/badges/89d9a928-46d5-49d7-bce6-a8a03f2d4df7/linked_in_profile)

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](https://www.credly.com/badges/f5e5b3ac-9e3b-485b-91b0-6b072e852545/linked_in_profile)

19 JUN 2024

**Delinea Secret Server Associate**