

DIOGO FILIPE DA ROCHA COELHO



MASTERS IN INFORMATION SECURITY (2º YEAR)

co3lho22@gmail.com | 22 years old | [xSTF](#)



| [LinkedIn](#) | [GitHub](#)



I am a dedicated cybersecurity enthusiast with hands-on experience in offensive security techniques, CTF competitions, and tool development. I excel at solving complex security challenges through programming, combining theoretical knowledge with practical application and driven by a passion for continuous learning and innovation in cybersecurity.

Professional Experience

[Smartex](#) – Software Developer & DevOps Engineer

May 2023 – February 2024

- Progressed from software development to DevOps with security responsibilities
- Focused on security perspective across cloud infrastructure, on-premises devices, and office environments
- Developed PoC for Grafana monitoring of remote devices
- Collaborated with cybersecurity team on phishing mitigation and firewall configuration
- Used Golang for internal tool development and integration
- Delivered presentation on security best practices

Cybersecurity Activities

[xSTF](#) (Extreme Security Task Force) – Team Member & Management

April 2024 – Present

- **Active CTF competitor** participating in challenges almost every weekend
- Part of **management** team coordinating team activities and competitions

Academic Education

Masters's Degree in [Information Security at FCUP](#)

September 2024 - Present

- Developed advanced knowledge in cybersecurity fundamentals including **cryptography**, **network security**, and **secure system design**
- **Teoria e Prática de Ataques de Segurança (TPAS)** class with Prof. André Baptista – reinforced my passion for offensive security techniques and custom tool development

Bachelor's Degree in [Computer Science at FCUP](#)

September 2021 – June 2024

- Strong foundation in programming, algorithms, and system architecture
- Comprehensive understanding of computer systems and network operations
- Enhanced problem-solving abilities and collaborative development skills

Security Certificates

I have obtained several entry to mid-level certifications that showcase my foundational knowledge and growing expertise in various security domains. These certifications include:

- Represented team at **BSidesLisbon 2024 CTF competition held in November**, one of Portugal's largest cybersecurity events

HackTheBox Platform

- Focus on **realistic environment challenges** combining initial enumeration, vulnerability identification, and post-exploitation techniques
- Preference for holistic security challenges over single-domain focus

Programming Projects

RustC2Forge (Command and Control Server)

- Initial foray into cybersecurity tool development using Rust
- Educational C2 server with **reverse shell** and **heartbeat capabilities**
- Sparked deep interest in **offensive security tooling** and **custom development**

Technical Skills

Programming:

- Proficient in **Rust, Golang**, Python, C, Java, Haskell, Scala and **Bash scripting**
- Initial experience in cybersecurity tool development and automation

Cybersecurity:

- **Web application** reconnaissance, **vulnerability identification** and **exploitation**
- CTF competitions and realistic environment challenges
- Basic experience in offensive security techniques and tool development
- Infrastructure security assessment (cloud, on-premises, office environments)

Cloud:

- Have a basic understanding of AWS & Google Cloud tools and services.

- [TryHackMe – Jr Penetration Tester](#)
- [TryHackMe – Introduction to Cyber Security Learning Path](#)
- [IBM – Introduction to Cybersecurity Tools & Cyber Attacks](#)
- [PentesterLab – HTTP Badge](#)
- [PentesterLab – PCAP Badge](#)
- [PentesterLab – Essential Badge](#)
- [PentesterLab – Unix Badge](#)
- [PentesterLab – Introduction Badge](#)

Transversal Competencies

Share-UP – Student Organization

February 2022 - May 2023

- Collaborated with talented peers, broadening my understanding of previously unfamiliar subjects like business strategy and marketing.
- Spearheaded a 6-month collaborative project with CRIAM, a healthcare technology firm, to strategize business and marketing approaches for their upcoming ventures.

Entrepreneurship in Science and Communication Pitch at FCUP

February 2022

- Acquired skills in identifying quality research articles using webofscience.com.
- Studied and applied the business model CANVAS.
- Collaborated on a team pitch, showcasing our product to academic professionals

Languages

- **Portuguese:** Native language
- **English:** C level