



Simão Andrade

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ABOUT ME

I developed an enthusiasm for cybersecurity and technology at the age of 13 and this passion continued to grow throughout my degree. I'm currently studying for a master's degree in cybersecurity at the University of Aveiro. Not only that, but I'm a very ambitious and adaptable person who is constantly looking for new challenges to conquer.

WORK EXPERIENCE

Cybersecurity Intern

Altice [01/07/2024 – 13/09/2024]

City: Aveiro | **Country:** Portugal | **Website:** <https://www.altice.pt/pt> | **Name of unit or department:** Cybersecurity - **Business or sector:** Information and communication

During this internship, I was assigned to a project to improve the current threat modeling process at Altice Labs, by incorporating threats and mitigations specific to modern software architectures.

My main activities were:

- Research state-of-the-art best practices concerning modern software architectures (e.g., Microservices, Kubernetes, Cloud);
- Develop Microsoft TMT templates with the researched threats and mitigations for modern software architectures;
- Test the developed templates in the context of an Altice Labs application;

24/7 Front-office Intern

Celfinet [19/06/2023 – 19/09/2023]

City: Covilhã | **Country:** Portugal | **Website:** <https://celfinet.com/> | **Name of unit or department:** Telecommunications - **Business or sector:** Information and communication

During this internship, I was ensuring the availability and performance of telecom services offered by telecoms companies.

My main activities were:

- Monitoring to identify incidents and/or service failures.
- Assessing the severity of incidents by maintaining control over response and resolution times.
- Carrying out incident resolution and reporting to the entity responsible for the solution.
- Graphical representation of the network element causing the alarm according to severity and SLA.

Web developer Intern

Celeuma [15/12/2019 – 15/06/2020]

City: Viseu | **Country:** Portugal | **Name of unit or department:** Web Development - **Business or sector:** Information and communication

During this internship, I was a member of a team developing a dynamic website in a creative agency, actively contributing to all stages from conceptualization (design and architecture) to production deployment.

My main activities were:

- Writing clean, efficient, and responsive code for website functionality.
- Integrating backend services and databases as required.
- Participating in team meetings and discussions to brainstorm solutions and address project challenges.

EDUCATION AND TRAINING

Master of Cybersecurity

University of Aveiro [15/09/2023 – Current]

City: Aveiro | Country: Portugal | Website: <https://www.ua.pt/> | Final grade: 16 mark (currently) | Level in EQF: EQF level 7 | NQF Level: 7 | Type of credits: ECTS | Number of credits: 120

As of now, this degree made me capable of:

- Implementing cryptographic solutions into applications;
- Explore methodologies and techniques for identifying and exploiting vulnerabilities and protecting services and systems;
- Being able to develop and operate applications with security requirements.
- Have knowledge of international standards and what they are used for (e.g. ISO 27001, NIST);

Bachelor of Computer Science and Engineering

University of Beira Interior [15/09/2020 – 15/06/2023]

City: Covilhã | Country: Portugal | Website: <https://www.ubi.pt/> | Final grade: 16 mark | Level in EQF: EQF level 6 | NQF Level: 6 | Type of credits: ECTS | Number of credits: 180

During my degree, I got capable to perform these roles:

- Design and develop software;
- Programming applications;
- Management of informatics systems;
- Installing, configuring and maintaining of computer networks;

Technical Course of Computer Network Installation and Management

Highschool of Castro Daire [15/09/2017 – 15/06/2020]

City: Castro Daire, Viseu | Country: Portugal | Final grade: 17 mark | Level in EQF: EQF level 4 | NQF Level: 4

700+ hours worth of internships in the web development and system administration fields.

Certification IoT at Celfinet

Celfinet [03/07/2023 – 07/07/2023]

City: Covilhã | Country: Portugal | Website: <https://celfinet.com/>

During this certification, I acquired knowledge about:

- The system overview of IoT
- Concepts and terminologies of IoT.
- Examining the role of enabling technologies for IoT, such as cloud computing and Big Data.
- Identifying security and governance issues with IoT.

Certification Telecommunications at Celfinet

Celfinet [10/07/2023 – 14/07/2023]

City: Covilhã | Country: Portugal | Website: <https://celfinet.com/>

During this certification, I acquired knowledge about:

- The system overview of Telecom.
- Concept of Network Slicing
- GSM Architecture.
- Cellular System.
- Radio Frequencies and encoding.
- Handover process.

Certification Cisco Packet Tracer

Cisco Network Academy [10/04/2021 – 10/04/2021]

City: Covilhã | Country: Portugal | Website: <https://www.netacad.com/>

Certification Scrum

CertiProf [05/01/2023 – 06/01/2023]

City: Covilhã | Country: Portugal | Website: <https://certiprof.com/>

During this certification, I acquired knowledge about:

- Understanding of scrum principles.
- Project planning and organization.
- Agile processes.

DIGITAL SKILLS

Programming Languages

C language / Java / PHP / Python / JavaScript / SQL / Bash Scripting

Tools

Visual Studio Code / Git / Wireshark / Burp Suite / Virtual Machines

Operating Systems

Linux OS (Ubuntu, Parrot and Kali) / Windows

Markup Languages

Markdown / HTML / LaTeX

Design & Styling

Figma / CSS

LANGUAGE SKILLS

Mother tongue(s): Portuguese

Other language(s):

English

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B2

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

COMMUNICATION AND INTERPERSONAL SKILLS

Representative of the Year Throughout my Bachelor's degree, I dedicated myself to representing my colleagues as their elected representative, advocating for their interests. In this role, I organized supplementary classes,

taught by both myself and fellow students, aimed at supporting those who struggled with course material, thereby contributing to the development of future computer engineers.

DRIVING LICENCE

Driving Licence: B