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MARTIM ABREU

PROFILE

Ambitious and forward-thinking Telecommunications and Informatics Engineering Master's student with a robust understanding of modern telecommunications systems and informatics. Skilled in network design, data analysis, and software development within telecommunications contexts. Leverages a methodical and analytical approach to problem-solving and project management. Collaborates effectively with cross-functional teams to drive innovation and efficiency in technical solutions. Adept at navigating complex project requirements and delivering results that align with strategic business objectives. Eager to apply engineering expertise and emerging trends knowledge to contribute to the technological advancement of the industry.

EXPERIENCE

APPLICATION PENTESTER (RESEARCH GRANT) - INESC-ID

Sept 2024 – Jul 2025

- Conducted an adversarial cybersecurity evaluation of a mobile food traceability application
- Simulated attacks on the app to assess vulnerabilities in its front-end and back-end
- Analyzed the results and reported vulnerabilities to the development team

SOFTWARE ENGINEER (FREELANCE)-GRUPO PETROTEC

Sept 2023 – Sept 2024

- Developed an Android application for Petrotec as part of a project outsourced by Junitec.
- Designed and implemented UI components to align with Petrotec's specifications, ensuring a cohesive user experience.
- Developed and integrated backend functionalities to support core business logic and smooth frontend-backend interaction.
- Conducted testing and debugging to ensure application stability and performance.

GENERAL COORDINATOR OF EXTERNAL RELATIONS AND EXTERNAL RELATIONS MEMBER AT SET - SEMANA EMPRESARIAL E TECNOLÓGICA

Sept 2021 – Sept 2024

- Lead the university's efforts in establishing and maintaining strategic partnerships with key industry leaders.
- Managed team operations and coordinated with external entities to enhance the organization's outreach and impact.
- Facilitated connections between companies, speakers, and students to foster meaningful engagements and enrich the educational experience.

TEAM LEADER - NTT DATA DIGITAL AMBASSADOR PROGRAM

Sept 2023 – Sept 2024

- Served as a key representative for digital transformation initiatives within the company to promote its presence on IST campus innovative solutions and fostering knowledge exchange.

- Collaborated with my team to enhance the company's digital presence and strengthen the brand's name among students

SUMMER INTERN - NTT DATA EUROPE & LATAM

Jul 2023 – Sept 2023

- Participated in advanced projects focused on web service development, cloud computing, and database integration, sharpening technical and analytical skills.

- Demonstrated adaptability and problem-solving abilities in fast-paced, technology-driven environments.

VICE-PRESIDENT OF THE FISCAL COUNCIL - NEETI

Oct 2022 – Oct 2023

- Upheld fiscal responsibility and transparency within the student organization, ensuring accountability in financial matters.

EDUCATION

INSTITUTO SUPERIOR TÉCNICO | LISBOA, PORTUGAL

BSC in Informatics and Telecommunications Engineering | 09/2020 - 07/2023

INSTITUTO SUPERIOR TÉCNICO | LISBOA, PORTUGAL

MSC in Informatics and Telecommunications Engineering | 09/2023 - 07/2025

CERTIFICATES

First Certificate in English -FCE at Cambridge School • Certificate in Advanced English-CAE at Cambridge School • 5º Degree in Violin at Instituto Gregoriano de Lisboa

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SKILLS

Java• Python• Html and Css• JavaScript • Assembly • C • Sql •Kotlin • Postgres• Azure• AWS• Google Cloud/GKE • Managing Networks and its security• Fluent in English and Portuguese • CTF Enthusiast

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VOLUNTEER WORK

Refood • Comunidade Vida e Paz