

EDUCATION

INSTITUTO SUPERIOR TÉCNICO

Lisbon, Portugal

Integrated Master's Degree in Mechanical Engineering (Bachelor completed; Master's ongoing)**Relevant Coursework:** Project Management, Computer Networks, Human-Computer Interaction and Programming Fundamentals.

COLÉGIO MILITAR (Portuguese Military School – ARMY)

Lisbon, Portugal

Subject: Science and Technology.

Led 80+ students as Section Commander. Earned 3 merit medals and an award for academic and military achievements.

PROJECTS

NEOQALL

Sept 2025 – Present

Founder & Project Manager

- Led a 3-person team to build an AI voice agent automating scheduling, routine calls and basic triage for dental clinics.
- Developed a backend bridge connecting LLM, voice stack and clinic software using APIs, SQL, GitHub and command-line tools.
- Secured a partnership with a 20-doctor clinic to launch beta testing, refine core call flows and platform integration.

ALOGI

Jul 2024 – Jul 2025

Founder & Project Manager

- Built a digital relocation platform for students, informed by user research on housing, onboarding and academic needs.
- Translated research insights into a product roadmap and feature priorities, balancing feedback from students and landlords.
- Led a 3-person team through sprint planning and GitHub-based developer workflow to deliver the MVP in 3 months.
- Secured 2nd Place at TecStorm '25 and 3rd at Poliempreende '25, earning prize money and mentorship offers.

RED HORIZON – Capstone Project

Feb 2025 – Jun 2025

Project Manager & Energy System Designer

- Coordinated an 8-person team using Notion and Gantt charts to manage project timelines.
- Designed the rover's hybrid energy system, defining requirements and trade-offs based on mission constraints.
- Ran weekly stakeholder reviews, documenting results and aligning feature decisions with technical goals.

WORK EXPERIENCE

Digital Technologies – IST

Apr 2025 – Present

Digital Systems Analyst (Grant Owner)

- Diagnosed platform issues by analyzing system communication and network behavior using HTTP, DNS and TCP/IP basics.
- Conducted BPMN-based user journey mapping to uncover pain points and improve digital academic workflows.
- Created documentation and user guidance to support updated platform adoption and secure access across 14.000+ users.

IN+ Center for Innovation, Technology & Policy Research

Oct 2024 – Apr 2025

Research Engineer (Grant Owner)

- Executed 70+ acoustic FFT tests within a structured project workflow, cutting energy waste by 9%.
- Modeled H₂/NG pipeline homogenization thresholds for a national hydrogen transition project in Portugal.

ActivoBank

Feb 2024 – May 2024

Account Manager (internship)

- Leveraged bank sales training to deliver clear product guidance and consistently exceed conversion targets by 20%.
- Streamlined team scheduling with the branch manager to maintain full coverage and improve team satisfaction.

SKILLS & INTERESTS / AWARDS

Technical: Jira, GitHub, Notion, HTML, Java, Python, Command-line tools, Excel, PowerPoint, BPMN, MATLAB, Simulink.**Languages:** Fluent in Portuguese and English (C1 Advanced Cambridge certificate); Basic in German and Spanish.**Interests:** Project Management, Surf, Gym, Football, Music.

Awards:

- 2nd Place – TecStorm '25 (Portugal's largest Tech Hackathon – 400+ participants).
- 3rd Place – Poliempreende '25 (National Entrepreneurship contest).