Constança Cunha

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Professional Summary

Final-year Master's student in Computer Science and Full-Stack Developer with a strong focus on front-end architecture, UI/UX design, and production-level execution. Trusted contributor in fast-moving product teams, owning frontend quality, visual consistency, and user experience across large-scale applications. Experienced with JavaScript, TypeScript, Python, React, and SwiftUI, delivering clean, scalable systems with measurable product impact. Known for design leadership, technical autonomy, and turning complex requirements into intuitive, high-performance user interfaces.

Education

Instituto Superior Técnico   *2020 – Present*
B.Sc. and M.Sc. in Computer Science — Interaction & Visualization   *Lisbon, Portugal*

- **Thesis**: Multimodal usability evaluation combining heuristic analysis, task performance, and self-reported metrics to improve emotionally aware interface design
- **Key Coursework**: Algorithms, Data Structures, Software Engineering, Human-Computer Interaction, Machine Learning, Probability & Statistics

Professional Experience

NextFalt CH   *2025-2026*
Full-Stack Developer Intern   *Zurich, Switzerland (Remote & On-site)*

- **Product Ownership**: Fully integrated member of the core engineering team, contributing across frontend, backend, and design for a production application used by real clients
- **Frontend & Design Leadership**: Primary owner of frontend quality, UI/UX consistency, and visual architecture; led major interface redesigns that significantly improved clarity, usability, and overall product polish
- **High-Impact Improvements**: Implemented extensive frontend and backend modifications that simplified code structure, enhanced maintainability, and delivered a cleaner, more intuitive user experience across the application
- **Cross-Functional Collaboration**: Worked closely with engineers, product stakeholders, and designers, translating requirements into scalable technical solutions while maintaining strong design coherence

Sky Portugal   *2024*
Front-End Developer Intern   *Lisbon, Portugal*

- **Exceptional Delivery**: Completed a 2-month internal web application project in just 2 weeks, delivering a comprehensive STB device information system that streamlined onboarding workflows and improved operational efficiency
- **Proactive Expansion**: Built core functionality using HTML, vanilla JavaScript, and CSS, then independently extended the system with API testing tools and data export features, transforming it into a fully operational internal platform

SINFO — Instituto Superior Técnico   *2022 – 2025*
Coordinator   *Lisbon, Portugal*

- **Strategic Leadership**: Coordinated Portugal's largest free tech conference with 5000+ attendees and 85+ partner companies, overseeing cross-functional teams and ensuring high-quality execution
- **Creative Impact**: Designed over 30 visual assets across two editions, including posters, social media campaigns, and merchandise, contributing to record-breaking engagement and brand visibility

Flagship Projects

SageBook   *Case Study | Prototype*
End-to-End Product & UX Case Study

- **Full Product Development**: Led the complete lifecycle from UX research and interaction design to high-fidelity prototyping and SwiftUI implementation, integrating gamification, skill progression, and community-driven features

CottageTunes   *GitHub*
iOS Application with Custom UI

- **Design-Focused Engineering**: Built a SwiftUI music app featuring custom UI components, advanced search, favorites system, and an emotionally engaging visual identity

Technical Arsenal

- **Languages**: Python, JavaScript, TypeScript, Java, C/C++, Julia, Prolog
- **Frontend**: React, SwiftUI, UIKit, HTML5, CSS3, UI Architecture, Design Systems
- **Backend & Tools**: REST APIs, Git, Automated Testing, Debugging, Process Automation
- **Design**: Figma, Adobe Illustrator, Photoshop, Motion & Visual Design
- **Strengths**: Product Thinking, Design Leadership, Cross-Team Collaboration, Ownership

Languages

- Portuguese (Native), English (C2), French (B2), Spanish (B1)