

Matilde Silva

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TECHNICAL SKILLS

Languages: C/C++, Golang, Haskell, Java, Javascript, PHP, Python, Rust, SQL, Swift, Typescript

Frameworks: Flutter, Laravel, NodeJS, ReactJS, SvelteKit, SwiftUI

Developer Tools: Docker, Figma, Git, Jenkins, Jupyter Notebook, Microsoft Azure, Visual Studio Code, XCode

EDUCATION

University of Porto

Master's in Informatics and Computing Engineering

Current Grade: 16/20

Sep. 2023 - Jul. 2025

Oporto, Portugal

Technische Universität Wien

Exchange Program Erasmus+

Sep. 2024 - Feb. 2025

Vienna, Austria

University of Porto

Bachelor's in Informatics and Computing Engineering

Final Grade: 15/20

Sep. 2020 - Jul. 2023

Oporto, Portugal

Cambridge Assessment

Certificate of Proficiency in English - Council of Europe Level C2

Final Grade: 218/230

Nov. 2019

Oporto, Portugal

EXPERIENCE

iOS Internship

Sky Portugal

Jul. 2024 - Aug. 2024

Aveiro, Portugal

- Selected as one of 900+ candidates nationwide for a 2-month summer internship for recent graduates based on soft skills and character traits
- Developed, implemented and tested in-app toast notifications using Swift and SwiftUI

Intelligent Transport Systems Internship

Armis Intelligent Transport Systems

Feb. 2023 - Jul. 2023

Oporto, Portugal

- Selected as one of 50+ candidates for a 6-month curricular internship based on academic success and skill potential
- Engineered a Machine Learning model to determine Traffic Status based on traffic data
- Deployed REST API, with Azure Cloud Services, to communicate with the server running the ML model

EXTRACURRICULARS

Computer Graphics and Multimedia Nucleus

Participated in the organization of different game and media related events that brought together 60+ attendees

- Worked on the Entrepreneurial Relations department for the National Informatics Student Meetup (ENEI 2025) that brought together 700+ attendees

Formula Student Driverless FEUP

- Researched and developed technologies for autonomous driving systems

May 2023 - Sep. 2023

PROJECTS

NetKing | [Typescript](#), [Rust](#), [Docker](#), [Tauri](#)

Feb. 2024 - Jul. 2024

- Created a network management system to facilitate visualization and virtualization of networks with a partner
- Employed Docker containers to host different services, such as Nginx servers and a built from scratch DNS server

List Llama | [Golang](#), [ReactJS](#), [RabbitMQ](#)

Sep. 2023 - Jan. 2024

- Developed a concurrent shopping list application based on Conflict-Free Replicated Data Types (CRDTs)
- Architected a load-balancing service with an orchestrator to handle client requests to servers
- Implemented a shopping list sharing feature through the use of URLs