

Matilde Silva

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EDUCATION

Bachelor of Electrotechnical Engineering (17.8/20) Expected Graduation July 2026
Academic Excellence Diploma in 2023/2024

High School Diploma: Colégio São João de Brito (19.5/20) May 2023
Science course, focused on Mathematics, Physics, Chemistry and Geometry
Won several annual honor roll awards on “Dedication and Effort” and “Academic Performance”

Application of Ionizing Radiation Course (Grade: A) March 2025
Week-long course at the Faculty of Nuclear Sciences and Physical Engineering, in Prague

Summer Boarding Course July 2022
Two-week “Business and Leadership” preparation course at Oxford College

WORK EXPERIENCE & PROJECTS

Teaching Assistant September 2025 - November 2025
Circuit Analysis, Instituto Superior Técnico

- Taught Problem solving and Laboratorial classes to second-year BSc. students

Technology Consulting Summer Associate August 2025
AI & Data Team, Ernst & Young, LIS

- Developed a Python-based solution leveraging LLMs to support the creation and automation of Power BI dashboards, enhancing business intelligence workflows

Private Tutor 2024 - Present

- Assisted first-year BSc. students in understanding coursework and preparing for exams, improving their academic performance and grasping of theoretical concepts

Técnico Investment Club (TIC) 2025 - Present
Portfolio Optimization, Quant Team, Instituto Superior Técnico

- Finished the onboarding period, gaining knowledge outside the scope of my bachelor’s degree
- Published a one-page article on LinkedIn called: “From Qualitative Views to Quantitative Portfolios: A Language-Model-Augmented Black–Litterman Approach”
- Currently developing a GPT-based tool for the Black-Litterman Model

Junior Achievement Competition - “A Empresa” January 2023 - June 2023

- Development of a start-up idea with the main purpose of creating a marketplace for odd jobs
- In teams of four created a business plan rooted in market studies, revenue projections and cost structures
- Advanced through two elimination stages, pitching the idea to a judge panel and reaching the national competition

LANGUAGES

- Portuguese: Native
- English: Cambridge School Proficiency Certificate
- German: Level B1.1