

Ana Luisa Nunan

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EDUCATION

University of Porto

Bachelor's Degree in Criminology

Porto, PT

Sep. 2019 – Jun 2023

42 Porto

Bachelor's Degree in Computer Engineering

Porto, PT

Jan. 2024 – Present

EXPERIENCE

STEAM Instructor

The Inventors

June 2022 – Present

Porto, PT

- Developed and taught hands-on STEAM activities for elementary students, fostering creativity and curiosity.
- Integrated principles of science, technology, engineering, arts, and mathematics into engaging projects and challenges.

Academic Internship

Oporto Prison Establishment

Out. 2022 – May 2023

Porto, PT

- Delivered educational programs and orientation sessions focused on professional and personal development for inmates.
- Monitored inmates' progress, adapting intervention strategies while ensuring compliance with institutional and legal standards.
- Prepared detailed reports on inmates' behavior and development, serving as critical input for prison management and judicial decisions.

PROJECTS

MiniShell | C, Shell, Bash, Git

Dec 2024 – Apr 2025

- Developed a Unix command-line interpreter inspired by Bash, implementing parsing, process execution, and signal handling.
- Structured the code with dynamic memory allocation and efficient string manipulation.
- Implemented features such as input/output redirection, pipes, environment variables, and error handling.

42 Porto Website | Web Development, HTML, CSS, JavaScript

Jun 2024 – Nov 2024

- Designed and developed the official 42 Porto website, implementing a modular and maintainable front-end architecture.
- Integrated dynamic elements and interactive components to enhance user engagement and navigation.
- <https://www.42porto.com/pt/>

Erasmus Blended Intensive Programme (BIP) | Digital Technology and Crime

May 2024 – May 2024

- Completed a rigorous program with a final score of 17/20, demonstrating academic excellence and dedication.
- Gained expertise in advanced criminological theories, research methodologies, and cybercrime detection techniques (e.g., hacking, malware, cyberbullying, online fraud).
- Explored regulations and emerging challenges in digital technology and crime.

White Collar Crime Research Project | Economic and Corporate Crimes

Sep 2022 – Jun 2023

- Conducted in-depth research on white-collar crimes, analyzing criminal patterns and factors influencing behavior.
- Performed a comprehensive literature review and empirical data analysis to examine economic and institutional impacts.
- Developed prevention and intervention strategies based on findings.
- Presented insights on the consequences of corporate and economic crimes, contributing to discussions on policy and regulatory frameworks.

TECHNICAL SKILLS

Languages: C, C++, C#, JavaScript, SQL (Postgres), HTML/CSS

Frameworks: React, Node.js, .NET

Databases: PostgreSQL, MongoDB

Developer Tools: Git, Docker, VS Code, CLion