Carolina Machado

About me

I am an ambitious and dedicated young woman, constantly seeking to enhance my skills and expand my knowledge through new experiences.

Contact

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Braga

ACADEMIC BACKGROUND

University of Trás-os-Montes e Alto Douro

Bachelor's Degree in Computer Engineering (2025)

Secondary School of Amares

Socioeconomic Sciences, 2022

PROFESSIONAL EXPERIENCE

STAFF
UTAD Summit | 2025

Administrative
Transrendufense | 2023

Provided administrative support, managed records, and assisted with office tasks; organized and maintained documentation.

ACADEMIC PROJECTS

Artificial Intelligence
Developed an AI model for segmenting the optic nerve in retinal images to assist in glaucoma detection.

Information Systems
Conducted a macro-level analysis of a company's information system to evaluate efficiency and structure.

UniLib
UniLib - Online Library (C# | CSS | HTML | JavaScript | .NET | SQL)

ToDo.It
Created a task management application to help users organize and prioritize their tasks.

CatDash 3D (2025)
3D multiplayer cat racing game with realistic physics

BrainBridge
Cooperative and accessible memory game with support for visual, motor, and cognitive impairments.

SKILLS

C#
Python
C++
MatLab
NetLogo

LANGUAGES

Intermediate English

VOLUNTEERING

Volunteer at the local Food Bank

Member of the Academic Department, Computer Engineering Student Group