Sérgio Emanuel Silva Magalhães

Date of birth: 26/03/2002 │ **Nationality:** Portuguese │ **Gender:** Male │ **Phone number:**

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EDUCATION AND TRAINING

09/2014 – 09/2020 Paredes, Portugal
ENSINO SECUNDÁRIO Escola Secundária de Paredes

Address R. António Araújo, 4580-045, Paredes, Portugal │ **Website** https://esparedes.pt/esp/

09/2020 – 06/2023 Vila Real, Portugal
DEGREE IN SOFTWARE ENGINEER UTAD - Universidade de Trás-os-Montes e Alto Douro

Address Quinta de Prados, 5000-801, Vila Real, Portugal │ **Website** https://www.utad.pt/ │ **Final grade** 13.5

LANGUAGE SKILLS

Mother tongue(s):   **PORTUGUESE**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Facilidade de Aprendizagem de Novos Softwares │ Microsoft Office │ Uso da internet como ferramenta de investigação

ADDITIONAL INFORMATION

PROJETOS

Deez Games - Game Store

In this project, our goal was to create an online video game store. This WebApp was structured to perform CRUD operations on the data. The database was developed after designing the data model (Models) using the code-first approach. It was built using ASP.NET MVC. Developed by a team of 4 members.

Galga - Your Running Pal

In this project, we developed the application "Galga - Your Running Pal." The purpose of this app was to simplify the recording of physical activities and track the user's progress in both exercise routines and physical characteristics (e.g., Weight). It was built using WPF, following the MVVM architecture, with a local data storage system using JSON files, organized in designated folders assigned to each user. The project was carried out by a team of 2 members.

Continental FOF - Previsão de Níveis de Enchimento em Estações de Abastecimento Industriais

The objective of this project was to develop a predictive model for fill levels at industrial stations. This involved creating an algorithm using advanced AI (Artificial Intelligence) and DL (Deep Learning) techniques.

Subsequently, the algorithm was trained with historical data on fill levels from stations, enabling accurate forecasts of future fill levels. This assists companies in determining the optimal time to replenish their raw material stock. The project was developed by a team of 2 members.

Tools:
-> TensorFlow;
-> Keras;
-> Google Colab;
-> Python;
-> VScode;

LINGUAGENS DE PROGRAMAÇÃO

C#

C++

Python

C

SQLServer

NETWORKS AND MEMBERSHIPS

11/2022 – 06/2023 Vila Real
Pedagogical Department of the Software Engineering Student Association (NEEI) I was involved in organizing events such as UTAD Summit, as well as workshops and presentations.

HOBBIES AND INTERESTS

Gym The gym is a highly significant hobby in my life, serving not only as a stress-reliever from daily pressures but also as a means to enhance my physical well-being. Engaging in daily gym sessions has become an integral part of my lifestyle, empowering me to overcome challenges and maintain a healthy work-life balance.

Hiking I have a deep passion for adventures across all types of terrains, and what I enjoy most is the opportunity to share these experiences with family and friends. Hiking has become an essential part of our bonding moments, strengthening our connections and creating cherished memories together.