I am currently seeking new challenges within the field of machine learning with the aim of expanding my knowledge gained during my master's in applied areas. With my academic background and professional experience, I am confident in the value and contributions I can bring to projects in Data Science.
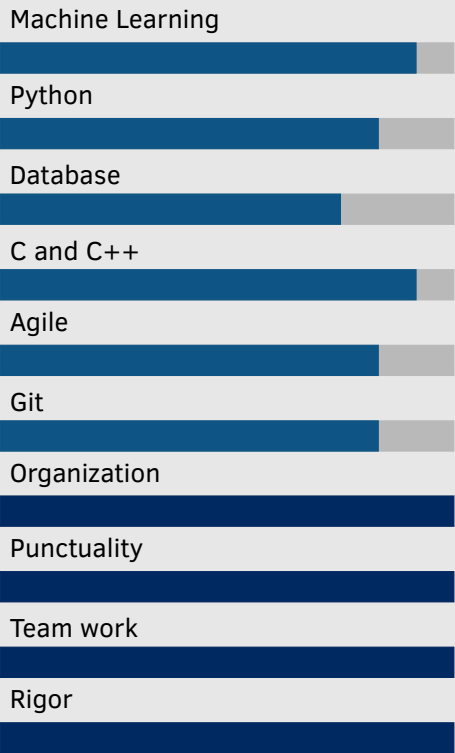
Eduardo da Silva Afonso

Automation Engineer

- 10/18/1989 (34 years old)
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Skills

Machine Learning

Python

Database

C and C++

Agile

Git

Organization

Punctuality

Team work

Rigor

Formation

2021-	Master in Machine Learning	Ribeirão Preto - Brazil
	University of São Paulo - USP	
2014-2021	Control and Automation Engineering	Lavras - Brazil
	Federal University of Lavras - UFLA	
2017-2018	Computer Engineering	Compiègne - France
	Université de Technologie de Compiègne - UTC	

Professional Experience

2024 — Coordinator of project — Sertãozinho/SP Brazil
My role is coordinate the electronic part which involve design, meetings and documentation. The output of project is a couple of containers running on DCN.

2022 — Test equipment for the Sonatrach Project — Paris France
I was in Paris in September 2022 conducting a functionality test for a new radio to be used in the Sonatrach project (Algeria).

2020-2024 — Developer for Industrial Automation — Sertãozinho/SP Brazil
I am a developer of OPC UA Server and Client for distributed architecture, following the O-PAS pattern. I have been involved in projects utilizing Agile methodologies.

2018-2020 — Developer and Coordinator - Startup — Lavras/MG Brazil
Responsible for the management and development of the iFIKIRIA platform project which provides real-time reports of data, such as temperature and humidity of the agricultural warehouse. Technologies:HTML/CSS, Javascript, Database (noSQL), Git, C/C++ and microcontrolers

Academic Experience

2023 — Explainable Artificial Intelligence - XAI — Ribeirão Preto/SP Brazil
I'm studying methodologies for explaining black box techniques in Machine Learning.

2016-2017 — Computer vision — Lavras/MG Brazil
Calculus of relative velocity with monocular vision. Technology: Matlab

2011-2013 — Lab of Acoustic and Music Technology - LATM — Ribeirão Preto/SP Brazil
Development of patch called time-stretcher in Pure Data (Pd). Technology: Object-Oriented Programming

Languages

French	Advanced
English	Advanced
Spanish	Basic
Portuguese	Native language