



# JEFFERSON DAMIÃO DA SILVA LIMA

Computer Engineering Student | IoT | C/C++ |  
Phyton

As a student at *Martha Falcão Wyden College*, I am in my 5th semester in Computer Engineering with a comprehensive understanding of IT. A great dreamer who is always in search for knowledge, innovation and self-control.

**Young Apprentice/Engineering Department** at J. Toledo da Amazonia –  
*Suzuki Motos (JTZ) 2022 -2023*

- An Young apprentice responsible for technical drawing and 3D projection using SolidWorks;
- Geometric dimensioning and tolerancing;
- I cooperated directly with the homologation of documents and with the industrial processes related to the company;
- During my time in the maintenance and development department, I applied my knowledge in electrical, robotics, and automation, collaborating directly with the sector.

C/C++

Python

**Home Automation System (SAR)** at Martha Falcão Wyden College –  
*Jefferson Damião; Mathews Pereira. 2022*

- Using Internet of Things (IoT) concepts, we created a wireless system remotely controlled via Wi-Fi for home electric current control;
- Initially, the project aims to control some relays through the Esp and an embedded code. The main components for the development of this project, in addition the Esp32 is the MCP23017 and the reley module.

C/C++

HTML

Esp32

Git

**Detection of Mercury in Amazonian Fishes (AmazonHG)** at Amazonas, Brasil – *Jefferson Damião; Vitor Mota; Vitor Melo. Since 2023*

- We are developing a data collection and analysis system using the technology called LIBS (Laser-Induced Breakdown Spectroscopy) and data traffic via IoT/LoRaWAN.

C/C++

Python

SQL

LoRaWAN

Git

## Main Technologies

- C/C++
- Python
- SQL
- PostgreSQL
- Linux OS

## Languages

- Portuguese – Fluent
- English – Fluent
- Spanish - Intermediate
- Japanese - Basic

## Contact me

[LinkedIn](#)

[GitHub](#)

Jeffersondamiãodasilvalima@gmail.com

55+ (92) 98838-0829