Ewerton Vasconcelos Lopes

Rua Felipe Camarão, 313 Natal – RN - 59012480 | +55 21 96543 2964 | ewerton.lopes.140@ufrn.edu.br
Portfolio:https://ewertonlopes.github.io/

Objective

As a technology enthusiast and student, I am always seeking opportunities to improve myself with new knowledge and environments conducive to personal development. Personally, I have accumulated a significant amount of knowledge and am now looking for an internship where I can apply this knowledge in a practical setting.

Education

Bachelor's Degree in Science and Technology | UFRN, 2022

- Academic merit for being the top graduate of the period
- Emphasis: Mechatronic Engineering

Bachelor's Degree in Mechatronic Engineering | Expected Graduation: 2025.1, UFRN

Skills and Knowledge

TECHNICAL KNOWLEDGE
Proficient in various programming languages:

- Assembly/C/C++ with a focus on embedded applications
- Python with a focus on data capture, processing, and Artificial Intelligence
- JavaScript with a focus on Back-End applications, particularly Node.js

Advanced knowledge of Linux and Windows operating systems
Advanced knowledge in embedded systems and microcontrollers
Proficient in code versioning methods such as Git
Experience with containerization using Docker and virtual machines
Proficient in CAD (Mechanical and Electrical)
Familiar with various communication protocols (TCP/IP, MQTT, Modbus)
Basic knowledge of databases and web design

Languages

· Portuguese:Native, English: Advanced, Spanish: Basic, German: Basic

INTERPERSONAL SKILLS
· Strong interpersonal relationship skills
· Well-organized
· Disciplined

Experience

· **IoT Research in the Saiot Project** | 2021 – 2024
SAIOT is an Internet of Things project at UFRN. This research group focuses on delivering results by developing a cloud-based solution to support various devices through IoT communication.