



Eduardo Evangelista

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EXPERIENCES

BEEBOT PROJECT SCHOLAR (PETROBRAS COMPETITIVENESS) — Visual Inspection/ML Dev

SINCE DECEMBER 2022 - Present

I am an ICT (Scientific and Technological Initiation) participant in the project that was selected in the Petrobras competitiveness call. In this project, I am a developer for the visual inspection module. Using OpenCV and corrosion segmentation techniques to identify them, such as the application of classical techniques like Canny edge, and neural networks like Yolo, Detectron2, U-Net, DeepLabv3 and others.

DEMETEC — *SW Engineer*

SINCE NOVEMBER 2022 - Present

A startup focused on precision agriculture where I worked on mobile and backend development using React Native and Node.js. I was involved in integration with ESP32 with BLE and mapping features.

FBOT — *Dev*

SINCE april 2023 - Present

Part of the robotics team at FURG. Specifically working on simulations of the robots and the manipulation of the arm.

BYTE JR. — Director and Developer

SEPTEMBER 2021 - DECEMBER 2022

Responsible for website, application, and web system development using agile methodologies within the junior company. As a director, I managed the team on various projects. Some of the clients I worked with include Wilson Sons - Tecon Rio Grande and ACQUALOGIC.

Marathon Program — *Scholar*

SEPTEMBER 2021 - DECEMBER 2022

A project aimed at enhancing understanding of algorithms and data structures through programming challenges. Participated in various competitive programming tournaments.

SKILLS

Python

ROS and drone simulations

Computer Vision (OpenCV and ML)

Git and GitHub

Node.js

React Native

Flutter

LANGUAGES

English - Intermediate-high

EDUCATION

FURG — *Computer Engineering*

2021 - 2025

Currently in my third year of undergraduate studies.

EXTRA-CURRICULAR ACTIVITIES

SIBGRAP 2023

I submitted a paper for this year's [SIBGRAP](#), which will take place from November 6 to 9. Currently, our paper has been accepted. The topic is related to inpainting techniques and instance segmentation using machine learning.

2022 Programming Marathon

An annual programming competition involving problem-solving in teams of three. I participated with my team in 2022.