



Italo Gustavo Sampaio Fernandes

Biomedical Engineering Student

I am searching an internship of 6 months, starting as in February 2019.

Education

2018/2019 - **Polytech - Université Claud Bernard Lyon 1**, France
International Exchange of Biomedical Engineering.

2015/2018 - **Federal University of Uberlândia (UFU)**, Brazil
Bachelor of Biomedical Engineering.

Work experience

Internship / [Laboratory of friction and wear technologies \(LTAD\)](#),
Uberlândia, Brazil

From January 2017 to July 2018

Development of a prototype to analyze the mechanical properties of the tubes in the sea for **PETROBRAS**.
Development of **embedded software** and also a **graphical interface**.

Scientific initiation (research assistant) / [Biomedical Engineering Lab \(BIOLAB\)](#), Uberlândia, Brazil

From August 2016 to August 2017

Project and construction of a device for 3D motion tracking and proprioception analysis.
Development of a software for the acquisition, processing and classification of signals.

Projects

Website / [Tele-specialist - A teleconsultation system](#). Brazil
2018

Development of a **telemedicine website**.
Project presented in a Biomedical Engineering Symposium (SEB).

First place / [Innovation Competition of the Brazilian Congress of Electromyography and Kinesiology](#). Brazil
2017

With a team, **we developed a game** (with **Unity3D**) of rehabilitation based on **inertial sensors** and EMG signals.

Computer skills

Linux (4 years); Modeling and 3D Simulation (AutoCad and Blender), Electronic Development Tools (Orcad, Eagle, Proteus); Microsoft Office Package; Git and GitHub;

🇧🇷 Brazilian

📅 21 years old

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Languages

English

B2

French

B2

Portuguese

Native language

Programming Languages

Python

C++

C#

WebDev

(HTML, CSS, JavaScript)

MATLAB

Database

(SQL and Firebase)

Others

Hobbies I do programming tutorials and electronics on the internet, I teach Portuguese and I practice climbing.

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