



Italo Gustavo Sampaio Fernandes

Developer / Biomedical Engineer

Biomedical engineer by degree, developer by passion. Developing with Python and Linux since 2013.

Education

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

2015/2020 - **Federal University of Uberlândia (UFU)**, Brazil
Bachelor of Biomedical Engineering.

Work experience

Python Backend Developer / [Tembici](#) São Paulo, Brazil

Since January 2021

Building **APIs** for a bike sharing system used in South America ([tembici.com.br](#)). I worked with **Python**, **Django**, **PostgreSQL**, **Redis**, **AWS Lambda/Google Cloud Functions**.

FullStack Developer - Python and VueJs / [Restons En Vigne](#) Lyon, France

From February 2019 to February 2021

I worked with **Python**, **Django**, **SQL**, **VueJs**, **HTML**, **JavaScript**, **GitLab CI**, **Docker**, **Linux Server**. At the [restonsenvigne.fr](#) ecommerce platform.

Internship / [Biomedical Engineering Lab \(BIOLAB\)](#), Uberlândia, Brazil

From August 2016 to August 2018

3D motion tracking systems and proprioception analysis with **processing** and **classification** of signals using **Machine Learning techniques**. I used **Python**, **Scipy**, **Matlab**, **R**, **C++**, **PIC**, **Arduino** and **QT** at [biolab.eletrica.ufu.br](#).

Projects

Academic Projects and Papers / [UFU](#) Brazil

From 2015 to 2020

You can find all my academic projects, websites, systems and prototypes at: [italogsfernandes.com/academic](#). I can cite here the website to classify x-rays images of covid patients and the project presented at the Brainhack Geneva - Switzerland.

Computer skills

Linux and **Python** (since 2013); Microsoft Office Package; **Git**, GitHub and GitLab; **C++**, **C#**, **Java**; **Statistics** and **Machine Learning** tools.

🇧🇷 Brazilian

📅 23 years old

📍 São Paulo/SP, Brazil

🌐 [italogsfernandes.com](#)

✉ italo@italogsfernandes.com

☎ +55 34 99932 8668

Languages

English



B2

French



B2

Portuguese



Native language

Programming Languages

Python



C++



C#



FrontEnd



HTML, CSS, JavaScript, VueJs

Others

Hobbies I teach programming, I love to live in the nature and go cycling whenever possible.

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