

# André Fiúza Fonseca Camargos

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Belo Horizonte, MG | andrefiúza.camargos@gmail.com | 23 years old

## Goals

To act as an analyst or engineer in software development, hardware, logistics, machine learning or automation engineering fields and contribute with my working team utilizing creativity, willingness to face challenges and sharp logical thinking.

## Education

**Bachelor's in Control and automation engineering** | 2023 | UFMG

## Experience

### SOFTWARE DEVELOPMENT INTERNSHIP - PRIMETALS TECHNOLOGIES

June 2021 - June 2023

- Software development and industry 4.0 solutions for metallurgy and automation applications.

### SCIENTIFIC INITIATION - NUCLEAR ENGINEERING DEPARTMENT (UFMG)

August 2019 - July 2020

- Partial development of an automatic prostate brachytherapy system, with ultrasound image acquisition: confection of prototype of the mechanical part of the device, with movement in the xyz axis, that inserts radioactive seeds for localized cancer treatment.
- Development of a mobile phone app for remote control of the image acquiring system.
- Article published in congress V SENCIR 2020.

### VOLUNTARY - INCLUIR PROJECT UFMG

Starting in August 2023.

- Creation of didactic materials and participation as a teacher in the course of financial education.

## Skills

### GENERAL

- Circuit simulation using the LTSpice software, PCB design utilizing Proteus 8
- Basic prototyping and hardware development with microcontrollers
- Data analysis and modeling and dashboard generation using Power BI e Microsoft Excel
- Data pre-processing, machine learning model training and result analyses

### PROGRAMMING

- Advanced C/C#/C++, intermediate Python III, basic JavaScript
- Previous experience with .Net and Entity frameworks, SQL, Bootstrap and Xamarin.forms

### LANGUAGES

- Advanced English (FCE certificate)
- Intermediate spanish

## COMPLEMENTARY COURSES

- Machine Learning Analyst Bootcamp - Instituto de Gestão e Tecnologia da Informação (IGTI)
- Data acquisition and analysis with emphasis in automobilism - Baja-UFMG
- Green belt six sigma - RL&Associados