# Fábio Pereira Benjovengo

## Electrical Engineer, PhD and Blockchain Dev.

Electrical engineer and blockchain developer with Masters and PhD degrees in Control Systems and with excellent interpersonal skills. During a ten-year career as an assistant professor of the school of electrical engineering of Puc Campinas (Brazil), I have been vice-director of the schools of Electrical and Mechanical Engineering. As a developer, I have automated the creation of monthly financial reports for a retail store and I created a system based on blockchain to track the ownership of luxury items for the fashion industry.

#### PROFESSIONAL EXPERIENCE

## Freelancer Blockchain Developer

September 2021 - Current

Remote freelance jobs, Brasília/DF (Brazil)

- Development of a system based on blockchain to track the ownership of luxury items for the fashion industry.
- Development of a medical blockchain application to track drugs given to patients.

## **Financial Manager**

June 2020 - July 2021

Reciclando Luxo, Brasília/DF (Brazil)

- I oversaw the financial health of a second-hand retail store of luxury fashion goods.
- I monitored cash flow, determined profitability and pricing of the goods, and managed expenses.
- Development of an automation system for the creation of monthly financial reports with all the data visualization required to analyze the financial health of the store.

# **Assistant Professor of Electrical Engineering** August 2010 – July 2020 Puc Campinas, Campinas/SP (Brazil)

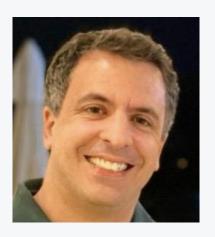
- Assistant professor of the School of Electrical and Automation and Control Engineering (former School of Electrical and Telecommunications Engineering).
- Main fields:
  - o Control Systems
  - Digital Electronics
  - o Embedded Systems
  - Robotics
  - Software Development
- Associated head of the schools of Electrical and Mechanical Engineering from 2019 to 2020.

## **Visiting Assistant Professor**

August 2009 - December 2009

Unesp, Sorocaba/SP (Brazil)

• I taught the discipline of Digital Control Systems at undergraduate level for the school of Automation and Control Systems Engineering.



#### **CONTACT INFO**

- · Brasília, DF Brazil
- · +55 61 9.9317-7344
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#### **SKILLS**

#### Hard Skills:

- · Computer programming
- Computer software knowledge
- Modeling and simulation of electrical systems
- Embedded systems knowledge
- Control systems analysis and design

#### Soft Skills:

- · Critical thinking
- Adaptability
- Teamwork
- Problem-solving
- Communication
- Decision-making
- Resourcefulness

## Programming Languages and Tools:

- Solidity
- JavaScript
- · React.JS
- Pvthon
- · C/C++
- Matlab/Simulink
- · Microsoft Office

#### OTHER INFORMATION

- English fluent
- Portuguese native
- · Spanish intermediate

#### **ACADEMIC HISTORY**

## PhD in Electrical Engineering

August 2007 – December 2016

Unicamp, Campinas/SP (Brazil)

- *Dissertation title:* "Sliding mode approaches for the longitudinal control of an autonomous robotic blimp"
- Advisors: Paulo Augusto Valente Ferreira and Ely Carneiro de Paiva
- CAPES scholarship

## MA in Electrical Engineering

August 2004 - March 2006

Unicamp, Campinas/SP (Brazil)

- Thesis title: "Robust pole placement and stability analysis of interval systems with data dependencies"
- Advisor: Paulo Augusto Valente Ferreira
- CAPES scholarship

## **BA in Electrical Engineering**

March 1999 - July 2004

Unicamp, Campinas/SP (Brazil)

• Certification in Control Systems.