

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:
 - Control Systems
 - Digital Electronics
 - 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

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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
- Python
- 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.