

# Lucas Oliveira

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## Professional Profile

I work with software development since 2020. Always focused on intrapreneurship and innovation.

## Experience

### Lunes Platform

#### Tech Lead Blockchain

2020.fev - Current

Helped in process automation reducing software delivery time and increasing final quality, implementing the **TDD** and **DevOps** culture/tools with: development environment standardization using Docker/Compose, activities management using Issue, auto-MR and Milestone in Gitlab, CI/CD Pipeline also in Gitlab and automated tests with Jest and Typescript.

I also produced the **SDK** to facilitate integration with *Lunes Blockchain* using Typescript/JavaScript, Rust/WebAssembly, Docusaurus and Python.

In addition, I actively participated in the selection process and *On-Board* of new members organizing *Meetups* to level knowledge between the teams.

### My Robot School

#### Robotics Teacher

2020.fev - 2021.jun

Helped solve learning/behavior problems among students, developing a gamification system based on **Machine Learning** for creating metrics and tracking.

On a daily basis, I taught robotics/computing classes using **Arduino/ThinkerCAD** as a prototyping platform and **Scratch/C++** for teaching logic and programming.

### Champagnat Hight School

#### Intern of Math

2019.jun - 2019.dez

I created a course on algorithms and programming logic for 6th and 7th graders based on the book "Think in Python" - **Allen B. Downey**. In addition, I taught Mathematics and Physics classes to elementary and high school students.

### School Franco Montoro - EMEIF

#### Intern of Math

2018.jun - 2018.dez

Taught Mathematics to 3rd and 4th grade students.

## **Academic**

### **Blockchain Collaborative Institute - iCoLab**

**Associate Researcher**

**2021 - Current**

I am part of the project to produce and curate scientific articles on blockchain. My research is focused on NFT and Tokenization.

### **Universidade da California - Berkeley**

**Professional Certificate Program in Blockchain**

**2021**

**Nota: 10.0**

In this specialization program I learned about the mechanics, vulnerabilities and differences between **Blockchain** protocols. In the last part of the program I delved into the fundamental and alternative consensus mechanisms and scalability and regulatory barriers of blockchain technology.

### **Institute of Pure and Applied Mathematics - IMPA**

**Workshop Mathematics and Industry**

**2020**

**Nota: 8.0**

I participated in the McKinsey&Company problem solving workshop where we developed a **Machine Learning** model based on logistic regression for preventive prediction of problems related to steel sheet production.

### **University of Oeste Paulista - UNOESTE**

**Mathematics - Degree**

**2017-2020**

**Nota: 7.15**

**Production:** Study on the impacts of homeschooling on children's socialization.

**Activities:** During graduation I participated in the freshman monitoring program. It helped college math, engineering and administration students and community high school students, as math tutoring was open to the public.