

# Rodrigo Werberich S. M. de Oliveira

CTO at LUA - Casas Inteligentes

SQS 109 Bl. B. Apt. 405  
Brasília, DF, Brasil 70372-020  
(+55 61) 99333-4425  
rodrigowerberich@gmail.com

## EXPERIENCE

### LUA - Casas Inteligentes, Brasília — CTO

JANUARY 2017 - PRESENT

Responsible for the management of the engineering and software teams, documentation organization, technology, system architecture creation and overview.

### DROID-UnB, Brasília — *Special Projects Manager*

JULY 2015 - AUGUST 2017

Creation of special projects for improving the team's abilities. Team allocation, project documentation and management.

### DROID-UnB, Brasília — *Competitor*

MAY 2013 - AUGUST 2017

Development of Hardware and Software solutions for smart robotics challenges. During my time on the team I worked at five different projects, IEEE Standard Educational Kits (SEK), IEEE Humanoid Robot Racing, Robo Trekking Pro, Robocup Festo Logistics and RoboMagellan at RoboGames.

## EDUCATION

### Universidade de Brasília, Brasília — *Master Engineering*

JULY 2017 - JULY 2019

Currently seeking my Master Engineering degree at Electronic and Automation Systems Engineering.

### Technische Universität Dresden , Dresden — *Sandwich Graduation*

JULY 2014 - JULY 2015

I studied one year at the TUD to improve my knowledge in engineering and deepen my interpersonal experience.

### Universidade de Brasília, Brasília — *Engineering*

JULY 2011 - JULY 2017

Graduate as top of the first semester of 2017 class of Control and

## SKILLS

Product Development,  
Software Development,  
System Architecture,  
Artificial Intelligence,  
Machine Learning,  
Path and Tasks Planning

C, C++, C#, Java, Python,  
GoLang, Haskell, Javascript,  
HTML, XML, Assembly  
Language.

Arduino, ESP8266, ESP32,  
ARM STM32 family,  
Microcontrollers.

## AWARDS

**2<sup>nd</sup> place at IoT Latin America Challenge - 2018** - Award for the startup LUA, for 2<sup>nd</sup> best IoT project.

**3<sup>rd</sup> place at Robocup Festo Logistics -2016** - Award alongside DROID-UnB team at the XV Latin American Robotics Competition.

**5<sup>th</sup> Place at Robo Trekking Pro - 2016** - Award alongside DROID-UnB team at the 12<sup>nd</sup> Robocore Winter Challenge

**4<sup>th</sup> place at IEEE Humanoid Robot Racing - 2015** - Award alongside DROID-UnB team at the XIII Brazilian Robotics Competition.

**1<sup>st</sup> place at IEEE Standard Educational Kits (SEK) - 2013** -

Automation Engineering.

## PROJECTS

### **Cooperative Autonomous Robots Simulation for Object Placement — *PIBIC at UnB***

Developed an algorithm for no communication collaboration of multiple decentralized robots to move bigger than they robots from point A to point B.

Award alongside DROID-UnB team at the XI Brazilian Robotics Competition.

## LANGUAGES

Advanced German.

Fluent English.

Native Portuguese.

Understands Spanish