

LUIS RODRIGO ORELLANA FERRUFINO

Robotics | AI Systems | Innovation

+34 - 633186262 www.rodrigoorellana.com

hello@rodrigoorellana.com Madrid, Spain

Experience

Chief Robotics Officer Wetechfood Robotics	2020 - present
Robotics Engineer TSR Wind	2015 - 2019
Professor of Design for Engineering Private University of Bolivia - UPB	2014 - 2015
Robotics and 3D printing Designer Sawers	2013- 2015
Electrical Maintenance Manager Coronilla S.A.	2012

Projects

Food-preparing vending machine design Wetechfood Robotics	2025
AI-based book recommendation system www.hikaribooks.com	2025
Spain´s first robotic restaurant Earthmama	2023
Wind turbine inspection robot design TSR Wind S.L.	2015 - 2019
Robot Arm for Doris Centre for Automation and Robotics (UPM)	2016
First 3D Printer in Bolivia Sawers	2013

Skills

. Robotic design . ROS 1 . Machine learning . Computer vision
. LLM-based applications . Embedded systems . Python . React . C++
. Kivy . Solidworks . Autodesk Inventor . Amazon Web Services (AWS)
. Google Cloud Services (GCP)

Certifications

- IoT Foundation with Raspberry Pi (MQTT)
- Machine Learning (Andrew Ng – Coursera)
- ROS for Beginners: Motion and OpenCV
- Arduino Modbus RS485 Master/Slave Programming
- TensorFlow 2 and Keras Deep Learning Bootcamp



About Me

Robotics and Automation Engineer, Co-founder and Chief Robotics Officer at WeTechFood Robotics. International patent holder with experience leading multidisciplinary teams to deliver human-centered robotic innovation.

Education

Polytechnic University of Madrid (UPM)

Master in Robotics and Automation
2015 - 2019

Bolivian American Center

English course
2014

San Simón University

Bachelor's degree in
Electromechanical Engineering
2004 - 2010

Language

English & Spanish

key achievements

Spain's first robotic restaurant

2023 | Earthmama

International patent

2023 | Robotic machine
for preparing meals

Executive Leadership in Robotics

2020 - present | Co-founder and Chief
Robotics Officer at Wetechfood

First 3D Printer in Bolivia

2013 | Team member at Sawers