



Luis Antonio Orbegoso Moreno

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WORK EXPERIENCE

12/02/2023 – 10/10/2024 Trujillo, Peru

PRINCIPAL RESEARCH SCIENTIST NATIONAL UNIVERSITY OF TRUJILLO

- Supervise, coordinate and execute research projects.
- Writing and presentation of scientific articles at international conferences and magazines.
- Foster academic collaboration.
- Organize conferences, seminars, workshops and talks to encourage knowledge exchange between members and the academic community.

Business or Sector Education | **Department** Engineering Department | **Address** Av. Juan Pablo II, 13011, Trujillo, Peru |

Email mecatronica@unitru.edu.pe | **Website** <https://web.facebook.com/mecatronica.unt.oficial/>

19/05/2023 – 01/09/2023 Santiago, Chile

STUDENTS ASSISTANT LATINHIRE

- Guide students in solving problems and exercises of the assigned subjects.
- Use digital tools and platforms to teach classes effectively and maintain an interactive learning environment.

23/05/2022 – 06/01/2023 Trujillo, Peru

ASSISTANT PROFESSOR NATIONAL UNIVERSITY OF TRUJILLO

- Prepare and organize teaching materials and resources for classes.
- Assist in carrying out laboratory practices, ensuring that equipment and components are available and working correctly.
- Tutor students, providing support in understanding key concepts and solving of practical exercises.

Address Av. Juan Pablo II, 13011, Trujillo, Peru

23/05/2022 – 06/01/2023 Trujillo, Peru

PRODUCT DESIGN ENGINEER NATIONAL UNIVERSITY OF TRUJILLO

- Design and model the H-rotor vertical wind turbine using CAD software, ensuring the technical feasibility of the project.
- Collaborate with the team to facilitate project implementation, promoting teamwork and effective communication.
- Introduce and train the team in the use of Fusion 360 to improve collaboration and efficiency in the development of the design.

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15/03/2022 – 30/08/2022 Trujillo, Peru

EMBEDDED SYSTEMS DESIGNER DELION

- Design and develop hardware using LIDAR and differential GPS technology for applications in mining.
- Carry out tests and validations of the developed systems, ensuring their functionality and precision.
- Collaborate with multidisciplinary teams to integrate technological solutions in mining projects.

EDUCATION AND TRAINING

04/05/2024 – CURRENT Trujillo, Peru

MASTER IN MATHEMATICAL ENGINEERING National University of Trujillo

Address Av. Juan Pablo II, 13011, Trujillo, Peru | **Website** <https://www.unitru.edu.pe/> | **Level in EQF** EQF level 7

12/04/2018 – 27/01/2023 Trujillo, Peru

BACHELOR IN MECHATRONIC ENGINEERING National University of Trujillo

Address Av. Juan Pablo II, 13011, Trujillo, Peru | **Website** <https://www.unitru.edu.pe/> | **Level in EQF** EQF level 6

20/09/2023 – 25/03/2024 New York, United States

MICRODEGREE IN ARTIFICIAL INTELLIGENCE Fusemachines

Address 500 7th Avenue, Office 7th Floor, 10018, New York, United States | **Website** <https://fusemachines.com/> |

Level in EQF EQF level 7

LANGUAGE SKILLS

Mother tongue(s): **SPANISH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	B2	B2
PORTUGUESE	B2	B2	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Arduino

Programming

python | Html, Java, CSS | C / C++ / C+ | Experience using Latex

Operative Systems

Linux (Terminal Commands, Bash/Shell) | ROS(robot operating system)

Software & Tools

Google Suite (Doc, Slides, Form, Sheet, Drive) | Microsoft Excel | Matlab/Simulink | Version Control System (Git) | Microsoft Office