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Education

The Univeristy of Oklahoma

Ph.D. in Electrical and Computer Engineering

Universidad Privada Antenor Orrego

Bachelor's in electronic engineering

December 2024

Ranked first in class with a GPA equivalent of 16.25/20

Awarded recognition for academic excellence and outstanding performance

Universidad Privada Antenor Orrego

Leadership Workshop 5.0

November 2024

Innovation and Entrepreneurship Workshop

Universidad Nacional Toribio Rodríguez de Mendoza – Chachapoyas

Student Exchange Program

October 2024

SOLEOL

Workshop on Photovoltaic Systems

September 2024

Universidad Privada Antenor Orrego

IoT Fundamentals: Connecting Things

August 2023

IoT Fundamentals: Big Data and Analytics

IoT Fundamentals: IoT Security

Universidad Privada Antenor Orrego

CCNAv7: Introduction to Networks

July 2021

IT Fundamentals: PC Hardware and Software

Professional Experience

CARTAVIO S.A.A.

Cartavio

Professional Intern in Systems

April 2025 – Present

- Configured networking equipment (routers, switches) to optimize connectivity and security.
- Conducted preventive and corrective maintenance on IT equipment, reducing downtime.
- Led an RFID UHF technology implementation project for vehicle and personnel attendance control.
- Provided Level 2 technical support to internal users (Windows, Office, WiFi, Active Directory).
- Managed domain integration, Active Directory administration, and digital certificates.
- Carried out inventories of technological assets for warehouse and user-assigned equipment.
- Participated in the integration of FaceID systems with turnstiles for automated access control.

MEGAN SMART TECHNOLOGY S.A.C

Trujillo

Pre-professional Intern in Automation

Dec 2023 – Mar 2024

- Designed and manufactured electrical panels for automation systems in the agro-industrial sector.
- Participated in the implementation of automation systems ensuring operational efficiency.
- Performed diagnostics on electrical equipment and control systems, solving technical failures.
- Prepared technical documentation, including wiring diagrams and user manuals.

Leadership & Activities

Universidad Privada Antenor Orrego Conference Speaker – “Principles and Fundamentals of Computer Vision”	Trujillo Nov 2024
Universidad Privada Antenor Orrego Instructor/Collaborator – Inter-school Robotics Competition “Robocup UPAO”	Trujillo Sep 2024
32nd Infantry Brigade Instructor – Safety and Occupational Health Training,	Trujillo Jul 2024
College of Engineers of La Libertad Speaker – Safety and Occupational Health,	Trujillo Jun 2024
Universidad Privada Antenor Orrego Organizer – University Robotics Competition “Muchik Rumble 2”	Trujillo Jun 2024
IEEE Robotics and Automation Society President – IEEE Robotics and Automation Society Student Chapte	Trujillo Jul 2023 – Jul 2024
IEEE Robotics and Automation Society Organizer – Workshop “Low-Cost Biped Robot”	Trujillo Sep 2023
Universidad Privada Antenor Orrego Instructor/Collaborator – Inter-school Robotics Competition “Robocup UPAO”	Trujillo May 2023
Universidad Privada Antenor Orrego Instructor/Collaborator – Inter-school Robotics Competition “Robocup UPAO”	Trujillo May 2022

Projects

Computer Vision Prototype for Food Defect Detection Python Raspberry	Trujillo Aug 2024 – Dec 2024
Cartesian Robot Prototype C++ Python AutoCAD SolidWorks EasyBuilders	Trujillo Apr 2024 – Jul 2024
Conveyor Belt and Object Classifier by Shape and Color Básico Matlab	Trujillo Aug 2023 – Dec 2023
IoT Security System with Facial Recognition and WhatsApp Alerts Java Node-RED HTML CSS Python	Trujillo Aug 2023 – Dec 2023

