

Dairon Aguilar Santos

Electronic Security and Low-Voltage Systems Technician

CCTV | Networking | Access Control | Fire and Intrusion Systems

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Professional Summary

Telecommunications and Electronics Engineering graduate with more than 10 years of experience installing, configuring, supporting, and coordinating CCTV, networking, access control, intrusion, fire detection, structured cabling, and other low-voltage systems. Background includes field service, Windows Server and RAID configuration for video systems, customer support, hotel construction projects, and preventive maintenance in a luxury hotel engineering department.

Technical Skills

CCTV and VMS: Milestone XProtect, HikCentral, iVMS-4200, Hikvision, Axis, IP and analog cameras, NVR and DVR systems

Networking: MikroTik, PRTG Network Monitor, Ubiquiti, TCP/IP, IP addressing, routers, wireless access points, PoE, remote connectivity

Electronic Security: Hikvision access control, Honeywell and Notifier fire detection, DSC, Honeywell, Paradox and Jablotron intrusion systems, Alarm.com, electric fences

Servers and Infrastructure: Windows Server, RAID storage, UTP and coaxial cabling, conduit, jacks and patch panels

Tools: Multimeter, network cable tester, RJ45 crimping tools, punch-down tools, ladders, power tools, laptop-based device configuration

Professional Experience

JW Marriott Houston by The Galleria | Houston, TX

Room Preventive Maintenance | Engineering Department

February 2024 - Present

- Complete preventive-maintenance inspections in guest rooms and document assigned work orders, deficiencies, and repairs in Transcendent.
- Perform basic electrical repairs, including replacement of outlets, lamps, and related room components.
- Troubleshoot electronic door locks, televisions, telephones, and Wi-Fi connectivity; isolate device, cabling, line, or service issues and escalate vendor work when required.
- Maintain guest-room air-conditioning equipment by replacing capacitors, verifying valve positions, and clearing blocked condensate drains.
- Repair furniture and decorative curtains and complete painting and general room repairs to support hotel quality standards.

Securitas | Montevideo, Uruguay

March 2019 - May 2022

Promoted through three technical roles supporting electronic security and CCTV operations.

Network and CCTV Specialist | 2021 - 2022

- Configured and supported Milestone XProtect, HikCentral, iVMS-4200, Axis, IP and analog cameras, NVR and DVR systems for a large commercial customer portfolio.
- Programmed MikroTik routers, configured IP addressing and wireless access points, established remote CCTV connectivity, and monitored network equipment with PRTG.
- Diagnosed camera, recorder, server, and network connectivity failures and provided remote technical support to customers and field technicians.

IT Specialist | CCTV Infrastructure | 2021

- Installed and configured Windows Server environments, RAID storage, and CCTV software supporting video recording and management systems.
- Integrated servers, routers, cameras, and NVR and DVR equipment and resolved communication and software configuration issues during deployment.

Electronic Security Systems Technician | 2019 - 2021

- Installed and terminated UTP and coaxial cabling, conduit, IP and analog cameras, intrusion alarms, fire detection, access control, and electric fence systems.
- Configured and commissioned cameras, alarm panels, NVR and DVR equipment; tested completed installations and trained customers on basic operation.

VARINTER S.A. | Cablevision | Montevideo, Uruguay

Satellite Installation Technician

December 2018 - March 2019

- Installed and aligned residential satellite antennas, routed and terminated coaxial cable, configured receivers, tested signal quality, and corrected equipment and cabling faults.

Bouygues Batiment International | Cayo Santa Maria, Cuba

Lead Low-Voltage Systems Specialist | Engineering Department

March 2016 - November 2018

- Reviewed drawings and specifications and coordinated technicians and subcontractors installing structured cabling, fiber, Ethernet, Wi-Fi, telephony, television, CCTV, and fire-detection systems.
- Inspected installation quality, requested materials, monitored progress and corrective work, and participated in testing, commissioning, and final handover.
- Supported the Lagunas del Este V hotel development from construction through commissioning, later opened as Paradisus Los Cayos.

Empresa Inmobiliaria ALMEST | Cayo Santa Maria, Cuba

Investment and Low-Voltage Systems Specialist

September 2011 - March 2016

- Reviewed construction drawings and supervised CCTV, intrusion, fire-detection, electrical, telecommunications, and structured-cabling work on large hotel developments.
- Coordinated and inspected work performed by 5 to 6 subcontracting companies and approximately 50 to 100 on-site electrical and low-voltage personnel.
- Managed material requirements, subcontractor quality, system testing, commissioning, client training, and resolution of installation issues.
- Completed projects included Dunas V (Hotel Playa Cayo Santa Maria), Lagunas del Este I (Warwick Cayo Santa Maria), and Lagunas del Este II (Ocean Casa del Mar).

Education

Universidad Central Marta Abreu de Las Villas | Santa Clara, Cuba

Engineering Degree in Telecommunications and Electronics | 2011

Professional Development

- Data Networks Technician, Fundacion Carlos Slim - 2019
- Fortinet NSE 1 and NSE 2 Network Security Associate training - 2021
- Honeywell training in Advanced TCP/IP, Network Troubleshooting, Networking Fundamentals, and Basic TCP/IP - 2019
- Cloud Computing, 40 hours, Google Activate - 2020

Languages and Additional Information

Languages: Spanish, native; English, basic conversational proficiency

License: Valid Texas driver's license; available for field service and travel within the Houston area