

Juan Pablo Maillane Márquez

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EDUCATION

NEW YORK INSTITUTE OF TECHNOLOGY | New York, NY.

Energy Management M.S, in progress

NEW YORK INSTITUTE OF TECHNOLOGY | New York, NY.

Advanced Certificate - Facilities Management, in progress

UNIVERSIDAD NACIONAL DE COLOMBIA | Bogotá, Colombia

Specialist in Electronic Government, Aug 2016

UNIVERSIDAD SANTO TOMAS | Bogotá, Colombia

Electronic Engineering, Dec 2010

PROFESSIONAL EXPERIENCE

DVM INDUSTRIES | New York, New York, United States

Energy Auditor Intern, April 2021 – present

- Highly accurate field audit work.
- Detailed analysis of audits.
- Formatting of analysis into formal proposal.
- Database and company I/P building.

YSG SOLAR | New York, New York, United States

Intern, February 2021 – April 2021

- Conduct market research, policy, business development, engineering and finance.
- Evaluate and organize applicable areas for solar energy systems in different states across the US.

NYITCOM ACADEMIC TECHNOLOGIES GROUP | Old Westbury, New York, United States

Student Aid | Media Services Group, February 2020 – Present

- Supported and operated audiovisual systems in classrooms, and the stability of class capture systems.
- Reviewed and identified problems to senior technicians and basic IT-based help desk support.
- Collaborated and assisted instructors with reading materials before and during classes and various events on campus.

SCOTIABANK COLPATRIA S.A. | Bogotá, Colombia

IT Communications Manager, July 2018 – August 2019

Job functions:

- Direct, supervise, and control the technological resources (hardware and software) that support the network services of the company, ensuring the availability, security, confidentiality, and integrity of the information of the Bank.
- Directed and managed the projects in charge of the LAN, WAN, Telephony, Firewall, and Data Center teams, to comply with the agreed scope, time, and resources, improving and updating network services and facilities equipment, expanding capacities by more than 50% and stabilizing and improving the continuous operation of business processes in more than 20 services.
- Planned, controlled, and forecasted the execution of the budget to comply with the indicators established and presented the business cases required, and reducing operational expenses by more than 30%.
- Worked autonomously and directly with the business units to gather and understand the commercial requirements for all projects and lead the IT Communications team to develop network designs and solutions.

SCOTIABANK COLPATRIA S.A. | Bogotá, Colombia

Systems Engineer II Technological Services, February 2010 – July 2018

Job functions:

- Direct, design, and plan activities that involve physical administration in Datacenters, technical rooms, and communications rooms. Manage and ensure the availability of the physical resources of the data centers, and telecommunications rooms, as well as lead audits and inspections of each electrical and communication infrastructure project in the company.
- Planned and coordinated the physical resources of the Data Center facility in accordance with national regulations and international standards, with updates in UPS systems, PDUs, cooling systems, generators, and substation, with a 20% increase in energy efficiency and improving the availability of the electrical and cooling systems by 97%.

- Managed, controlled, and supervised the telecommunication rooms, UPS systems, standby power generators, cooling systems, and fire systems, with a focus on electrical audits and project management in all the headquarters and subsidiaries of the company, improving their availability by 90% and maintenance expense reduced by 30%.
- Led, evaluated, and inspected electrical and communication infrastructure projects, in Data Center facilities, headquarters, and subsidiaries buildings of the region (Colombia and Central America).

ADDITIONAL TRAINING

- Willdan Clean Energy Academy, Wildland’s Small Commercial Energy Auditing Training Program.
- Energy management internal auditor, ISO 50001 standard.
- Data Center design, cooling, power and efficiency professional. Datacenter Dynamics Development.
- Certified Computer Room designer and expert, with a focus on ICREA Standard.
- Design Premises Cabling Systems.
- Electrical safety in electrical installations, with a focus in RETIE standard.
- ITIL Operational support analysis.

AWARDS AND ACHIEVEMENTS

- Presented research on Edge Data Center to an audience at 7x24 Exchange Metro New York Chapter University Challenge, Apr 2021.
- First place in Center for Global Health Case competition, NYIT College of Osteopathic Medicine, Nov 2019.
- Finalist in DC Dynamics Awards LATAM 2016, category “Young Engineer of the year in mission critical”, Mexico City, Sep 2016.
- Speaker at the DC Dynamics congress CONVERGED Bogotá, project presentation “Evolution of the Data Center, in search of the reliability and efficiency”. Jun 2016.
- Finalist project in the DC Dynamics Awards LATAM 2015, categories “Best Data Center Enterprise” and “Best project of transformation of the Data Center”, Mexico City, Oct 2015.

Skills	Languages	Interests
Communication Capacity planning Project Management Applications: Microsoft Office, MS Project, AutoCAD. Leadership	Spanish  English  French 	Renewable energies Logistics Science/Technology Music Sports