

Adderly Asunción



Electromechanical Engineer with 9+ years of experience in the design, planning, and execution of electrical projects, HVAC, PV Systems, as well as preventive and corrective maintenance in industrial settings. Proficient in data analysis for optimizing results, PLC system design, Fire Protection Systems, and improving energy efficiency in buildings. Seeking new opportunities to apply my skills in challenging projects and contribute to organizational success.

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SKILLS

- ◆ MEP Design (Revit)
- ◆ HVAC Design
- ◆ CAD Software
- ◆ Eplan Electric Design
- ◆ Industrial Automation (PLC)
- ◆ PowerBI
- ◆ Project Management
- ◆ PV Design and installation
- ◆ Communication Technologies
- ◆ Python/SQL

LANGUAGES

- ◆ Spanish | Native
- ◆ English | Advanced

CERTIFICATES & COURSES

- ◆ Acaire | International Diploma in Air Conditioning Projects
- ◆ Google | Data Analytics (Coursera)

PUBLICATIONS

- ◆ <https://adderlyasuncion.blogspot.com>
- ◆ <https://github.com/addadmin7/>

INTERESTS

- ◆ Traveling
- ◆ Self-Improvement
- ◆ Videogames
- ◆ New Technologies

EXPERIENCE

Dec 2021
Present

EQUIPMENT MAINTENANCE MANAGER Dirección General de Impuestos Internos (DGII) Santo Domingo, Dominican Republic

As a senior engineer in charge of the Maintenance Department, I lead a team of 32 collaborators from different areas, including electrical, HVAC and mechanical. The main function is to manage preventive and corrective maintenance of the 78 locations nationwide.

Notable achievements:

- Process automation using Microsoft Planner in order to generate case reports, send automatic information to technical staff and requesting personnel, resulting in reduced time between 50% - 75% and technological resources.
- Implementation of optimizations in electrical and HVAC equipment to achieve energy savings and promote environmental sustainability.
- Structuring of information for individual buildings by implementing a system for more effective management and maintenance of equipment, optimizing the information structure.
- Successful reduction of energy expenditure by 10% to 15% through electrical maintenance and the installation of automation equipment or Building Management Systems (BMS).
- Provision and installation of essential equipment for emergency generators.
- Maintain a minimum success rate of 97% in cases reported monthly. Where approximately 3,200 employees have operational continuity without significant interruptions.

Aug 2017
Dec 2021

ELECTRICAL AND HVAC PROJECT ENGINEER Dirección General de Impuestos Internos (DGII) Santo Domingo, Dominican Republic

In my role, I led the design and execution of projects focusing on electrical systems, HVAC, power plants, and Data Center facilities for contractor companies. Leveraging design software and project coordination tools, I ensured seamless coordination with contractors to deliver +32 modern projects, each equipped with modern equipment.

Key responsibilities and achievements include:

- Spearheading project design and execution, ensuring adherence to timelines and budgets.
- Managing tenders and overseeing project processes from design to delivery.
- Constructing modern buildings to enhance client comfort and satisfaction.
- Throughout my tenure, I successfully completed numerous projects, demonstrating proficiency in project management and a commitment to delivering high-quality results.

Jul 2014
Dec 2023

DESIGN ENGINEER PECSA Engineering Solutions Santo Domingo, Dominican Republic

Belonging to the electrical and HVAC designs section, my work corresponded to the designs of the assigned projects, as well as the preparation of budgets, documents for presentations, energy studies, reports, recommendations.

Key Responsibilities and Achievements:

- Conducting comprehensive +40 energy studies to optimize efficiency and sustainability in project designs.
- Prepare detailed budgets with cost analysis, ensuring that projects are delivered within financial limitations.
- Demonstrating expertise across diverse sectors, including completing 7+ projects for banks, 15+ projects for fuel stations, 20+ projects for office buildings, 4+ projects for hospitals, and numerous residential homes projects.
- Successfully completing 2 photovoltaic (PV) projects design, contributing to the promotion of renewable energy sources.

EDUCATION

Feb 2019
Mar 2020

MBA - MASTER BUSINESS ADMINISTRATION EUDE Business School. Madrid, Spain

Aug 2008
Apr 2014

ELECTROMECHANICAL ENGINEER Universidad Autónoma de Santo Domingo (UASD). Santo Domingo, Dominican Republic

PROJECTS

Developed an automated electrical load table using Python and Excel, enabling the input of circuit loads to generate single-phase/three-phase tables. This tool facilitates the selection of switches, main electrical feeders, and circuits.

Developed a maintenance request registration system using Microsoft Planner, automating notifications to relevant departments via Outlook email.