



Paula Alejandra Rodríguez Román

<https://pauroro.com/>

OBJECTIVE

Willing and eager to continue my process of personal and professional growth in order to consolidate my life project in the exercise of my training.



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IDENTIFICATION DOCUMENT

1.095.940.854



DATE OF BIRTH

July 28th 1995

PROFILE

Electronic Engineer with experience in the design and execution of an MPPT control system in a photovoltaic module, knowledge in networks, mobile communications, industrial automation, Siemens PLC programming in TIA PORTAL, Matlab, and for Atmel microcontrollers; competent in programming for web pages, HTML, Css, JavaScript, basic database and SQL management, process modeling, planning and execution of projects focused on technological solutions. Experience in the development of electro aesthetic equipment and performance capabilities in management and customer service areas.

I am a responsible person, with clear objectives, ease of adaptation and continuous learning in the different changing environments related to electronics.

ACADEMIC TRAINING

- **Electronic Engineering**
Unidades Tecnológicas de Santander (UTS)
Bucaramanga, 2020
- **Technologist in Industrial Electronics**
Unidades Tecnológicas de Santander (UTS)
Bucaramanga, 2017
- **High school**
Colegio La Merced
Bucaramanga, 2012

INFORMAL EDUCATION

- **English course**
Universidad Industrial de Santander (UIS)
Current Level B2, 2021
Bucaramanga
- **Full Stack web development course**
Udemy –Front End, Finalized, 2021
- **Data curator (SQL)**
Fundación Carlos Slim
Finalized, May 2021
- **Process Modeling**
Bizagi
Finalized, June 2021
- **Cybersecurity Introduction**
CISCO Networking Academy
Finalized, March 16 2021
- **Networks and Security**
Servicio Nacional de aprendizaje Sena
Finalized, November 2020

ACADEMIC EXPERIENCE

Thesis Degree project Bucaramanga, 2020

Experience in the design and execution of an experimental prototype for the control and monitoring of the maximum MPPT power point in a photovoltaic module in the extraction of water from a well, through the use of a submersible motor pump. A Sepic regulator is designed to facilitate the sustaining of the solar-powered MPPT protocol, characterization and modeling of the solar panel, Sepic converter, and system simulations are performed in the MATLAB Simulink development environment.

FRONT END JUNIOR DEVELOPMENT EXPERIENCE

I am constantly learning how to create high-performance, interactive websites that work on all platforms and devices. Although I am somewhat familiar with the use of frameworks, my web pages are mainly encoded with HTML5, CSS3 and JavaScript.

My portfolio has simple interfaces and a strong emphasis on "progressive improvement" using the latest navigation standards, I look for creative ways to extend the boundaries of front-end code without compromising browser compatibility and performance.

WORK EXPERIENCE

J&J CONSULTORES Administrative assistant Girón, June 2018 - July 2019

Responsible for ensuring the proper functioning of the office, performing tasks such as customer assistance, writing letters, planning, coordinating the agenda and organizing files.

Features

- Review project processes in curatorships.
- Manage calls, emails and correspondence.
- Organize physical and digital documents, including emails, receipts, reports, and other administrative documents.
- Interact with customers, carrying out the solution of claims and requirements.

Achievements

- Improved visibility of the company for customer contact.
- Time and process optimization for requirements effectively.

VACUSONIC BIOTECH LTDA. Aesthetic and electromedical equipment production assistant Bucaramanga, June 2017 – January 2018

Features

- Manufacture of the respective equipment, from pre-assembly, wiring and interconnection of components, to their conditioning and calibration.
- Carry out tests of operation and maintenance of aesthetic and electromedical equipment.
- Perform assembly and welding on electronic boards.

Achievements

- Expedite the manufacture of the required equipment.
- Increased efficiency over the processes involved in product development.

TECHNICAL COMPETENCES

- Microsoft Office (Word, Excel, Power Point, Project, Visio).
- Bizagi Modeler, HeidiSQL, HTML5, CSS3, Javascript, Bootstrap5, jQuery, Adobe Illustrator, WordPress, Visual Studio Code and Atom.
- Softwares and electronic simulators used in projects such as: Proteus, Arduino, Livewire, Matlab, TIA Portal, Factory I / O, Autocad, Cisco Packet Tracer.

WORK REFERENCES

- Carlos Lizardo Corzo Ruíz, PhD.
Director of degree project – Electronic Engineering
Phone number: 3153767775
- Jaime Zambrano Torres
Immediate superior - J&J Consultores.
Phone number: 6093050-3163545341
- Ing. Yuri Alexander Pérez Prada
Immediate superior of Vacusonic Biotech Ltda.
Phone number: 6714945 - 6578002