

ORLANDO TRUJILLO

[E-Mail](#)

[LinkedIn](#)

PROFESSIONAL SUMMARY

Skilled professional electronic engineer with 4+ years with proven record of accomplishment of designing and completing projects on time and in alignment with client expectations and regulatory guidelines business support; Knowledge in Programming languages, Data Analysis, Database SQL & MySQL, PLC systems, Revision control and maintenance of software and hardware also training and supervision of work teams. Additional knowledge about maintenance and installation of renewable energy (wind turbine, solar panel), monitoring and supervision of electromechanical assemblies such a renewable energy pumping systems operation.

SKILLS

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|-------------------------|---------------------|--|
| • Leadership Experience | • Java | • Manufacturing |
| • Communications skills | • MATLAB | • Welding |
| • Valid Driver License | • Power BI | • Mechanical Knowledge |
| • Advanced English | • Microsoft office | • Electrical Experience |
| • PLC SCADA | • Microsoft Project | • Instrumentation |
| • Data analysis | • Technical Support | • 3D Printers |
| • LabVIEW | • CAD Tools | • CNC |
| • Python | • PCB Layout | • Electronic knowledge |
| • Web Scraping | • Data processing | • Photoshop |
| • MySQL, SQLite | • Troubleshooting | • Renewable Energy |
| • MongoDB | • IT Support | • Turbine, Solar Design & Installation |
| • HTML, CSS | • CCTV | |

WORK EXPERIENCE

Electronic Engineer and Project Manager

Jun 2015 – to Current

Ingeniería Agua y Pozos S.A.S • Neiva

- Conduct research into the feasibility, design, operation and performance of electrical machinery, renewable energy systems, instrumentation and control systems, equipment, and components
- Supervise and inspect the installation, modification, testing and operation of electrical, renewable and electronic systems and equipment
- Install, operate, test and maintain renewable energy equipment and systems(wind turbine and solar systems)
- Recruit and supervise computer analysts, engineers, programmers, technicians and other personnel and oversee their professional development and training.
- Install, rebuild, troubleshoot, and repair all equipment/systems related to the Technical Services Department as assigned
- Design electrical systems and programming PLC SCADA Systems, servo drives, valves, and mechanical systems
- Plan, organize, direct, control and evaluate the operations of information systems and electronic data processing (EDP) departments and companies
- Data preparation, data gateway and data warehousing
- Dashboard production in Power BI
- MVC Java & MySQL GUI
- Manage DB and NoDB
- Contribute to the overall Product Design strategy

Software and Hardware Manager
Danes Ingenieros SAS • Neiva

Jun 2015 - Jul 2016

- Install, upgrade, maintain and repair hardware y software pc systems
- Design, develop, test and calibrate power equipment and systems
- Web Responsive Html CSS JavaScript
- Python Data Mining
- Manage SQL and NOSQL queries
- Web design WordPress, Elementor, WooCommerce
- MVC Java & MySQL for Systemtheater GUI
- Design content to promote the company's brands
- Dashboard production in Power BI
- IT Troubleshoot
- Install and Renovate pre-wiring and installations of CCTV, access control and intrusion systems.

EDUCATION

Bachelor of Science in Electronic Engineering
Universidad Antonio Nariño • Neiva

Jan 2012 - Dec 2016

- Graduated Cum Laude

Computer science Technician
Atanasio Girardot • Neiva

Jan 2010 - Dec 2011

Big Data Technical Diploma
Fundación Carlos Slim • Mexico city

May 2020 - Nov2020

Data Network Technician Course
Fundación Carlos Slim • Mexico city

Jun 2020

Course 3D Printer operator
Fundación Carlos Slim • Mexico city

May 2020

Renewable Energy Storage Course
Fundación Carlos Slim • Mexico city

May 2020

Technical Course in Wind Power installation
Fundación Carlos Slim • Mexico city

May 2020

LICENSES & CERTIFICATIONS

Python for Everybody Specialization
Coursera & University of Michigan
[See Credential](#)

Sep 2021

Introduction to MongoDB
Coursera & MongoDB
[See Credential](#)

Sep 2021

Google IT Support (4/5)
Coursera & Google
[See Credential](#)

Apr 2021

Cloud Computing

Google

[See Credential](#)

Python 2021: Complete Python Bootcamp

Udemy

[See Credential](#)

Allen Bradley Micrologix PLC Programming (PLC-SCADA-1)

Udemy

[See Credential](#)

The Complete MySQL Bootcamp 2021

Udemy

[See Credential](#)

Introduction to Programming Using HTML and CSS 1

Google

[See Credential](#)

Introduction to Programming Using HTML and CSS 2

Google

[See Credential](#)

Mobile App Development

Google

[See Credential](#)

VOLUNTEER WORK & AWARDS

Volunteer for Local Needy People

San Juan Maria Vianney church • Neiva

Sep 2018 - Jan 2019

- Assisted in collecting food and old clothes from donations.

Volunteer Workshop and Installer of Open Source Software

Antonio Nariño University (Software Freedom Day) • Neiva

Sep 2012 - Sep 2012

- Explain different free software used in the educational field
- Installation of free software for the attendees of event

SENA “Game maker” Video Game design

2010

Winner of the video game design competition using “game maker” software