ORLANDO TRUJILLO

E-Mail   **LinkedIn**

PROFESSIONAL SUMMARY

_____

Skilled professional electronic engineer with 5+ 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, SSMS (SQL Server Management Studio), SSIS (SQL Server Integration Services), PLC systems, Revision control and maintenance of software and hardware also training and supervision of 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

_____

- Leadership Experience
- Communications skills
- Advanced English
- PLC SCADA
- Data analysis
- LabVIEW
- Python
- Django
- Web Scraping
- MySQL, SQLite
- SQL Server
- SSMS
- SSIS
- ETL
- Jira

- Scrum
- Git, GitHub
- Heroku
- Docker
- MongoDB
- HTML, CSS
- Java
- SpringBoot, Maven
- MatLab
- Power BI
- MS Teams
- MS Office
- MS Excel
- Microsoft Project
- Technical Support

- CAD Tools
- PCB Layout
- Troubleshooting
- IT Support
- CCTV
- Manufacturing
- Welding
- Mechanical Knowledge
- Electrical Experience
- Instrumentation
- 3D Printers
- CNC
- Photoshop
- Renewable Energy
- Turbine, Solar Design & Installation

WORK EXPERIENCE

_____

Data Engineer   **Oct 2021 – to Current**
Teleperformance Colombia S.A.S • Neiva

- Database management through SSMS (SQL Server Management Studio)
- Using SSIS (SQL Server Integration Services) for ETL Development and Reprocessing
- Use and management of large data sets within relational databases
- Develop, construct, test and maintain architectures and processing workflows
- Build robust, efficient and reliable data pipelines
- Develop solutions for data acquisition
- Ensure architecture supports business requirements
- Drive the collection of new data and refinement of existing data sources
- Develop dataset processes for data modeling, mining, and production
- Apply QA protocol in order to improve data reliability, efficiency, and quality

Electronic Engineer and Project Manager   **Jun 2015 – Oct 2021**
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   **Jun 2015 - Jul 2016**
Danes Ingenieros SAS • Neiva

- 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, WooComerce
- 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   Jan 2012 - Dec 2016
Universidad Antonio Nariño • Neiva
- Graduated Cum Laude

Computer science Technician   Jan 2010 - Dec 2011
Atanasio Girardot • Neiva

Bootcamp Web application development & programming skills   May 2021 - Dec 2021
Universidad Nacional de Colombia • Bogota

Big Data Technical Diploma   May 2020 - Nov 2020
Fundación Carlos Slim • Mexico city

Data Network Technician Course　　　　　　　　　　　　Jun 2020
Fundación Carlos Slim • Mexico city

Course 3D Printer operator　　　　　　　　　　　　　　May 2020
Fundación Carlos Slim • Mexico city

Renewable Energy Storage Course　　　　　　　　　　May 2020
Fundación Carlos Slim • Mexico city

Technical Course in Wind Power installation　　　　　May 2020
Fundación Carlos Slim • Mexico city

LICENSES & CERTIFICATIONS
_____

Data Science Methodology　　　　　　　　　　　　　Feb 2021
Coursera & IBM
See Credential

Tools for Data Science　　　　　　　　　　　　　　Dic 2021
Coursera & IBM
See Credential

Python for Everybody Specialization　　　　　　　Sep 2021
Coursera & University of Michigan
See Credential

Introduction to MongoDB　　　　　　　　　　　　Sep 2021
Coursera & MongoDB
See Credential

Google IT Support Certificate　　　　　　　　　　Apr 2021
Coursera & Google
See Credential

Cloud Computing
Google
See Credential

Allen Bradley Micrologix PLC Programming (PLC-SCADA-1)
Udemy
See Credential

VOLUNTEER WORK & AWARDS
_____

Volunteer for Local Needy People　　　　　　　　Sep 2018 - Jan 2019
San Juan Maria Vianney church • Neiva

- Assisted in collecting food and old clothes from donations.

Volunteer Workshop and Installer of Open Source Software　　Sep 2012 - Sep 2012
Antonio Nariño University (Software Freedom Day) • Neiva

- 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