

Jose Urdaneta

Back end and Windows Software Developer



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github.com/urdans



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WORK EXPERIENCE

Electrical Engineer — Steven Feller PE LLC, Ft Lauderdale

FEBRUARY 2016 - PRESENT

Design, develop and maintain electrical systems focusing in economy, quality, reliability, safety and sustainability. Develop schematic diagrams and electrical plans using AutoCAD and Revit. Provide engineering information by answering questions and requests. Communicate with clients and contractors. Maintains professional and technical knowledge by reviewing professional publications, participating in personal networks and societies.

Fire Alarm Installer — Power Design Inc. Miami, Florida

AUGUST 2015 - FEBRUARY 2016

Install new and tests existing fire alarm systems by applying knowledge about all fire safety codes.

CEO — PEQUIVEN Synthetic Wood Plant, Valencia, Venezuela

OCTOBER 2011 - MARCH 2014

Prepare production plans and material requirements and execute them, focusing on efficiency and performance. Supervise the main processes and control the quality of the final products. Contributed to the research and development of better production procedures and tests.

PROJECT EXPERIENCE

Power System Analysis Software — IUPFAN

Designed a complete Windows desktop application for the analysis and simulation of electrical power systems, using Delphi 4 IDE with Object Pascal, implementing a full graphic user interface where the user could draw the one-line schematic diagram under study and run several simulations related to power system analysis, like short circuit, line rupture fault and power flow.

EDUCATION

IUPFAN, Venezuela — July 2001

Bachelor's Degree in Electrical Engineering, Power Systems.

LaunchCode, Miami — January 2019

LC101 Programming Course and Liftoff Job Training

SKILLS

PROGRAMMING LANGUAGES

- Java
- C#
- Python
- Delphi
- JavaScript
- SQL
- Assembler PIC

OPERATING SYSTEMS

- Windows
- Android

SOFTWARE

- VSCode
- PyCharm IDE
- Visual Studio
- IntelliJ Idea
- Embarcadero Rad Studio

ADDITIONAL SKILLS

- HTML
- CSS
- Bootstrap
- Hibernate
- Spring Boot
- MySQL
- SQLite

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