



DIEGO PARRA

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Address:

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Soft Skills

- Perfect understanding of english.
- Familiarity with Adobe Premiere, After Effects and Photoshop.
- Leadership, along with a high capacity to solve problems.

Programming Languages

- Mejor lenguaje: Python.
- Bueno con: C, C++, C#, Java, JavaScript.
- Experience with: Lua, HTML/5, CSS.

Idiomas

Spanish — Native
English — C2
French — B1
Russian — A2

Systems Engineer with a tendency towards software development, born and raised in Venezuela, with multidisciplinary capabilities and a high initiative to work efficiently with multiple programming languages and a variety of operating systems, as well as **having a perfect understanding of English**. My hobbies are musical composition, literature and video editing.

My strongest programming language is Python.

Hard Skills

- Proficient in multiple programming languages, such as **Python, C++, Java, and JavaScript**.
- Skilled in working with frameworks like **PyQt, React and Flask** as well as relational database systems such as **PostgreSQL, MySQL y SQLITE3**.
- Familiarity with version control systems like **GitHub** and deployment platforms like **Heroku**.
- Sound understanding of **networking fundamentals**.
- Experience in Linux system administration across **Debian, CentOS, Ubuntu, and Red Hat distributions**.
- Basic knowledge of **pentesting** and **cybersecurity**.

Experience & Projects

- Designed, developed, and implemented a **DCIM (Data Center Infrastructure Manager)** application for **Pequiven-CPHC (Complejo Petroquímico Hugo Chávez)** using **Python, PostgreSQL and PyQt**.
- Created a web page for **data visualization and analysis** using **Python, Pandas, and Flask**.
- Designed and utilized a **Python-based database** with a **graphical interface**, compatible with **SQLITE3 and PostgreSQL**.
- Developed and used a real-time motion detection system using **Python, OpenCV2, and Numpy**.
- Designed and implemented a web page connected to a database for the **CDI (Centro de Diagnóstico Integral)** at **Cumboto Norte, Puerto Cabello** using **HTML, CSS, PHP and MySQL**.

Education

Bachelor's degree in Science:

U.E. San José La Salle, Carabobo

2010-2016

Systems Engineering:

Universidad Nacional Politécnica Experimental de las Fuerzas Armadas, Núcleo Puerto Cabello

2018-2023

Courses & Certifications

Languages and such:

- **EF Standard English Test Certificate — C2 Proficient**
- **VenteSQL 2016 Hesperia — Critical Thinking for Entrepreneurs & Corporate-Speak for Non-Native Speakers**
- **Universidad de Carabobo — Scientific Merit**

IT:

- **Udemy — The Python Mega Course – 10 Real World Applications (Ardit Sulce)**
- **Udemy — The Complete Networking Fundamentals. Your CCNA Start (David Bombal)**
- **UNEFA — Diseño. Modelado y Animación en Blender (Intermedio)**