

Full Stack Developer | Data Engineer

Carlos Esteban García Márquez


Summary


I am a Full Stack developer and Data Engineer, with three years of experience, looking to apply my computer languages knowledge, such as Python, HTML, CSS, JavaScript and SQL in diverse fields, like web development and data science. All this through my communication, perseverance and creativity skills.


Life philosophy

A Dream is All I Need to Get By

Contact

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 carlos-garcía-márquez

 CharlesItzcoatI

Languages

 Spanish - Native

 English - Intermediate, fluid conversation (B2)

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EDUCATION

2013-2018



Bachelor's Degree
ESIME Zacatenco - IPN

 Mexico City

Communications and Electronics Engineering
Control Specialization.

Thesis: Construction and Design of an Incubator's Control System Using Fuzzy Logic Control.

EXPERIENCE

2022-
Ongoing

Full Stack Developer/Data Engineer  Mexico City
Bubblink Digital

- Web app development with Python (Flask) and Google Cloud Platform.
- Web development of consumidoresanonimos.com.
- Web development of bubblink.com.mx.
- Web development of gfw.com.mx.
- Data manipulation and analysis for Dell with Python (Pandas). Process automation.
- Web scraping of Amazon and vvb.com.mx with Python (Scrapy).
- Web scraping of loft.com.mx with Python (Selenium).

03/2019 -
09/2019

Social Service  Mexico City
Person in charge: valverde@cinvestav.mx

- Development and implementation of fuzzy logic control systems, in hardware and software, in embedded C.
- Temperature and humidity processing.
- Electric and electronic sensors conditioning, calculation and calibration.
- Fuzzy logic control programming in embedded C.
- I²C, UART and RS-485 communication.
- Mathematical models simulation and electronics schemes design.

INDEPENDENT PROJECTS



Independent



- Videogames platform development with React and Chakra UI.
- Design and development of data bases with MySQL and PostgreSQL.
- ETL process doing web scraping of news websites La Jor-nada, SDP Noticias, Milenio and UnoTV.
- Web scraping of cia.gov to extract CIA declassified archives.
- Web scraping of website pagina12.com.ar to extract the day's news data of all the sections within the website (title, URL, date, summary, author, body and image).
- Web scraping of website etn.com.mx to extract the bus departure schedules from diverse origins and destinations (departure, arrival, duration, bus type, prices, provider, number of scales, scales characteristics).

Soft skills and strengths

Passion

Dedication

Perseverance

Loyalty

Creativity

Self Confidence

Planning

Organized

Adaptability

Teamwork

Interest in learning new skills

Communication

Work ethics

Analytical

Patience

Professional skills

Ease to learn programming languages

Motivation to learn emerging technologies

Object Oriented Programming

Computational Thinking

Structured Programming

Software Engineering

Other interests

Guitar🎸

Books📖

Traveling🌍

Movies🎬

Videogames🎮

Series📺

GitHub Projects

Visit my GitHub projects:



</> COMPUTER LANGUAGES

- **Python:** Advanced
 - **CSS:** Intermediate
 - **C/Embedded C:** Intermediate
 - **SQL:** Intermediate
- **JavaScript:** Intermediate
 - **HTML:** Intermediate
 - **C++:** Intermediate
 - **PHP:** Basic

🔗 OTHER KNOWLEDGE

- **Linux Command line and Terminal (Ubuntu)**🐧
 - **Bash Shell Programming**📜
 - **Robotic Process Automation with UiPath**🤖
- **Git and GitHub**💎
 - **RegEx**⚡

🖥️ IT SKILLS

Data Analysis

NumPy📊

Pandas📈

Matplotlib📉

Seaborn📊

Deepnote📌

Google Colaboratory🔗

Jupyter Notebooks📓

Web Scraping

Scrapy🕸

Selenium🔗

Requests📡

BeautifulSoup4🔗

APIs

Frontend Development

React⚡

Wordpress📝

Bootstrap🔗

jQuery🔗

Tailwind🌀

Chakra UI🔗

RDBMS

MySQL🗄

PostgreSQL🐉

Backend Development

Flask🐍

Office Automation

MS Office (Excel, Word, PowerPoint)📄

LaTeX📄