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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- Mexico City, Mexico.
- carlos-garcía-márquez
- CharlesItzcoatl

Languages

- Spanish - Native
- English - Intermediate, fluid conversation (B2)

Download my resume

Download my resume with the QR code below.

🎓 EDUCATION

2013-2018	**Bachelor's Degree**	📍 Mexico City

ESIME Zacatenco - IPN
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.
- I^2C, UART and RS-485 communication.
- Mathematical models simulation and electronics schemes design.
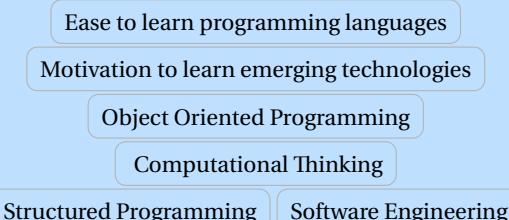
🛠 INDEPENDENT PROJECTS

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 Jornada, 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:

[QR Code]

</> COMPUTER LANGUAGES

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

⛓ OTHER KNOWLEDGE

- **Linux Command line and Terminal (Ubuntu)** 🌀
- **Git and GitHub**
- **Bash Shell Programming** 🖥
- **RegEx** (.*)
- **Robotic Process Automation with UiPath** 🤖

🖥 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