

CARLOS GEOVANY PEREZ VELAZQUEZ

DATA ANALYST

PROFILE

I bring over 5 years of robust experience in data analysis, with a focus on advanced programming and data exploration across diverse enterprise environments. My expertise lies in dissecting and interpreting data to derive invaluable insights that bolster an organization's strategic decisions. With a background as a Data Analyst, Systems Engineer, Computer Technician, and Programmer, I've accrued extensive experience across various data-centric roles within prominent banking corporations, educational institutions, and a diverse client base spanning national and international markets, including esteemed banking and insurance firms and top-tier universities.

CORE STRENGTHS

- Detail Oriented
- Technical Skills
- Analytical skills
- Work Ethic
- Time management
- Fast Learner
- Teamwork

LANGUAGE

- Spanish ★★★★★
- English ★★★★★

TECHNICAL SKILLS

Python, HTML, CSS3, SQL, API's, Pandas, D3.js, Microsoft Azure Data Studio, Databricks, Scala, Power BI, Jupyter Notebooks, Web scraping, Topic Modeling, NLP, Machine Learning, Git, AWS, Microsoft Fabric

CONTACT

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Web: <https://carlosgeovany.github.io/>

WORK EXPERIENCE

SYSTEM ANALYST

Unisys, Mexico, 2015 to 2019

- Analyzes and evaluates user requirements, report requirements and system design problems.
- Trends of systems performance and deliver understandable reports to managers and directors.
- Defines controls, conversion procedures and system implementation plans including user training and orientation
- Automation processes

DATA ANALYST

Unisys, Mexico, 2019 to 2021

- Power BI reports for managers and board directors
- Reports automation with Python
- Sentiment analysis by NLP
- Data Visualization with Plotly and Dash
- Geospatial analysis with Python Folium maps
- Data wrangling with Databricks notebooks

BIG DATA ENGINEER

INDRA, Mexico, 2022 to 2023

- Scala and apache spark big data analysis
- RDD, DataFrames and Datasets manipulation
- Pattern matching
- Data acquisition and manipulation

DATA ANALYST

UConn, USA, 2023 present

- Power BI dashboards
- Machine Learning models
- Data Visualization with Plotly and Dash
- Geospatial analysis
- Data engineering with Microsoft Fabric

EDUCATION

INSTITUTO TECNOLÓGICO AUTÓNOMO DE MÉXICO (ITAM)
MS, Data Science, Undergraduate

CENTRO DE CAPACITACION TELEVISIVA Y AUDIOVISUAL
(SEP)

Big Data Technician, Diploma, 2020

UNIVERSIDAD AUTONOMA METROPOLITANA (UAM)

Bachelor's degree, Technologies and Systems Information , 2018

- MySQL databases with Java and PHP, Diploma
- Web developer and Web master for "Especialidades" Academic Journal

COLEGIO DE CIENCIAS Y HUMANIDADES PLANTEL SUR (CCH)
Maintenance and Repair Computer Systems Technician, Diploma,
2012

UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO (UNAM)

Bachelor's degree, Sociology, 2006