

Luis Daniel Moreno Santamaría

📞 (+52) 55-3583-1468 | ✉️ morenosantamarialuisdaniel@gmail.com |  [Luis Daniel Moreno Santamaría](#) |  [LuisDogo](#)

EDUCATION

Superior School of Computer Science-IPN

Bachelor's Degree in Data Science

Jan. 2022 – Expected 2026

CDMX, Mexico

Relevant Courses

Probability, Linear Algebra, Statistics, Data Structures, Databases and Calculus

EXTRACURRICULAR

Participant in the International Collegiate Programming Contest

Superior School of Computer Science - IPN

Jan. 2023

CDMX, Mexico

- Regular contestant and member of multiple teams of the International Competitive Programming Contest.

Competitive Programming Club

Superior School of Computer Science - IPN

Aug. 2022 - Present

CDMX, Mexico

We study algorithms and data structures focusing on problem solving, in particular problems regularly found at Codeforces & Leetcode.

- Took part at the summer training camp organized by the the same organization.
- Gave a class on linear data structures(queues and stacks).

Congreso de Informática 2023-A

UPIICSA - IPN

Jun. 2023

CDMX, Mexico

- Presented my project "CDMX Metro System Analysis" at a collaborative congress between ESCOM and UPIITA in front over 50 attendees.

PROJECTS

CDMX Metro System Analysis | *Python, Plotly, Numpy, Pandas*

Jun 2023 – Present

- The aim of the project was to keep track of the use on the current metro system and make an exploratory analysis of it
- Modified a CSV file to a PostgreSQL database and connected it to a Python script to make queries through it, the requests then got saved on pandas dataframes for the exploratory analysis.

Appointments Graph Database | *Neo4j*

Oct 2023 – Present

Created a NOSQL database that allowed a chain of hospitals organize appointments, manage patients medical records and track staff's records.

- Modeled the graph nodes and relations along the queries for interacting with the system to get relevant info.

TECHNICAL SKILLS

Languages: Spanish (native), English: C2

Programming Languages: Python, R, C/C++, JavaScript , SQL, CQL, HTML/CSS, SSH

Developer Tools: Git/Github, Google Cloud Platform, Linux. Neo4j, MongoDB, MySQL

Courses:

- Python Programming in the scientific field *issued by Computation Investigation Center - IPN. Sep 2022*
- Basic SQL Server *issued by Computation Investigation Center -IPN. Jun 2022*
- Google Data Analytics Certificate. *Issued by Google*
- Data Analysis with Python *Issued by freeCodeCamp*