

# Enrique Galicia Pineda

## Data Scientist

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## ABOUT ME

I am a 24 years old Data Scientist graduated from a BS in Physics, focused on Computational Physics. I have experience in numerical methods, algorithms convergence, Machine Learning models and Neural Networks.

## SKILLS

### PROGRAMMING

Python: ScikitLearn, PySpark, Tensor Flow, Streamlit, Pandas  
C: Modular programming, Makefiles, numerical algorithms  
SQL: DQL, DML  
Julia: Pylab, Cairo, Luxor  
Bash

### ARTIFICIAL INTELLIGENCE

Regression  
Classification  
Clustering  
Dimensionality Reduction  
Natural Language Processing  
Deep Neural Networks  
Reinforcement Learning  
Kernel Estimation

### SOFTWARE

MySQL  
Git and Github  
NetLogo  
L<sup>A</sup>T<sub>E</sub>X

### SOFT SKILLS

Responsibility  
Confidence  
Discipline  
Teamwork  
Adaptability

## EXPERIENCE

### DATA SCIENTIST ANALYST | BBVA México

September 2022 – Present | CDMX

- Build training tables and realize statistical analysis from raw tables
- Develop ML models participating in global and local projects based on the recognition of high value entities in the business sector
- Identification, reconstruction and tracking in relational databases for the construction of graphs

### RESEARCH ASSISTANT | UNIVERSIDAD TECNOLÓGICA DE LA MIXTECA

January 2022 – September 2022 | CDMX

- Develop a website for a self-attention based Neural Language Model using Streamlit and Docker
- Built a labeler to extract subject, object, predicate tuples from sentences using AllenNLP's Semantic Role Labeling Model
- Studied and implemented an estimator defined on linguistic random sets to study semantic structures on phrases

### TEACHER ASSISTANT | UNIVERSIDAD NACIONAL AUTÓNOMA DE México

August 2022 – December 2022 | CDMX

- I evaluated homeworks, applied tests and explained course questions about numerical analysis, algorithms, C, Python and Bash
- I gave introduction lectures about C Language and compilers

## EDUCATION

### B.S. IN PHYSICS | FACULTAD DE CIENCIAS, UNIVERSIDAD NACIONAL AUTÓNOMA DE México

August 2017 - June 2022

### STUDENT EXCHANGE | UNIVERSIDAD AUTÓNOMA DE MADRID

January 2020 - May 2020

## EXTRACURRICULAR ACTIVITIES

- Deep Learning Summer School 2022  
Neuromatch Academy
- Data Science Course 2022  
Bedu via Becas Santander
- NGD Linux Unhatched Certification 2022  
Cisco Networking Academy
- Course Asume *Superación por mi país* 2019  
Fundación Telmex-Telcel