Enrique David Guzmán Ramírez

Curriculum Vitae

Mexico City
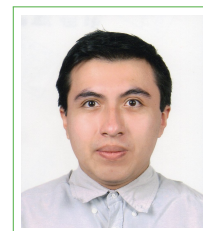✆ *+52 55 2531 5377*
✉ *david_guzmanr@ciencias.unam.mx*
✍ *davidguzmanr.github.io*
in *Enrique David Guzmán Ramírez*
 davidguzmanr
Age: 24 years (April 20, 1997)

Experience

Professional

1 November 2021-Present

Data Scientist, *Grupo Salinas*, Mexico City, Mexico.
- Develop and improve the different recommendation systems used in the E-commerce area.
- Assist in the migration of the different databases and services related to E-commerce to AWS.

Academic

Winter 2019

Teacher assistant, *Facultad de Ciencias*, *Universidad Nacional Autónoma de México (UNAM)*.

I was teacher assistant in the *Relativity* class, my job was to design the assignments, reinforce the lessons given in class, give students useful tools and support them in doubts that could arise.

Education

2015 - 2020

BSc Degree in Physics, *Facultad de Ciencias, Universidad Nacional Autónoma de México (UNAM)*, **grade: 9.54/10**.

High level mathematical knowledge and mathematical skills. Abstract thinking and problem solving. Data analysis, numerical analysis and computer simulations of various phenomena.

2019 - 2021

BSc Degree in Data Science, *Instituto de Investigaciones en Matemáticas Aplicadas y en Sistemas (IIMAS), Universidad Nacional Autónoma de México (UNAM)*, **grade: 9.60/10**.

Processing of large amounts of data. Ability to predict and make decisions based on data. Presentation, data visualization and communication of results.

Languages

Spanish First language.

English Professional competence.
- CAE, Cambridge C1 Level Qualification.
- TOEFL iBT: Reading: 29/30, Listening: 30/30, Speaking: 24/30,

   Writing: 28/30. Score: 111/120.

French Basic professional competence.

Prizes and scholarships

2019

Programa de Apoyo a Proyectos de Investigación e Innovación Tecnológica PAPIIT (Support Program for Research and Technological Innovation Projects).

Project: *Dynamics of black holes and fundamental scalar fields.*

Computational skills

Programming Languages	Python, Julia, R, Scala, SQL, C, Fortran.	**Operating systems**	Unix/Linux (Ubuntu, Lubuntu, Fedora, Debian) and Windows suites.
Office Suites	Microsoft Office and LibreOffice.	**Text and presentation tools**	LaTeX, Beamer.
Machine Learning tools	Scikit-learn, PyCaret, PySpark MLlib.	**Deep Learning Tools**	Keras, TensorFlow, PyTorch.
NLP tools	NLTK, spaCy, Stanza, Hugging Face.	**Numerical and symbolic computing**	Mathematica.
Web Development	Javascript/HTML/CSS. Python: Django, Streamlit.	**Databases**	PostgreSQL, Apache Cassandra, Redis, MongoDB, Neo4j.
Data visualization	Tableau, Matplotlib, Seaborn, HoloViews, Bokeh, Folium, ggplot2.	**Big Data tools**	Apache Spark.
Cloud services	AWS, Azure.	**APIs**	FastAPI.