

OSCAR HERNÁNDEZ TERÁN

GEOPHYSICAL ENGINEERING TRAINEE

PORTFOLIO



<https://github.com/oscarteran>

ABOUT ME

I am deeply interest in the expansion and application of knowledge around Data Science. During my career I have developed programming skills (e.g. R, MATLAB, C) particularly in Python and it's libraries. Moreover, I am fascinate by the use of emerging techniques for problem solving, such as artificial intelligence, deep learning, and blockchain.

SKILLS

- Leadership
- Communication
- Work under pressure
- Adaptability
- Resilience

LANGUAGES

- Spanish (Native)
- English (Intermediate)

CONTACT INFORMATION



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EDUCATION

UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO (UNAM)

Bachelor's degree in Geophysical Engineering

- Specialization in numerical methods and programming.
- Thesis: "Cosmic ray modulation in extended force field". Status: in progress.

COBAO PL. 47

Architectural and construction drawing technician

- Specialization in architectural drawing.
- Physical-mathematical area.

SPECIALIZATIONS

- Certification Microsoft Azure Fundamentals AZ-900

COURSES

- Neural networks in Python. Deep learning.
Courses online UDEMY.
- Bootcamp of data science with Python.
Courses online UDEMY.

COMPETENCIES

- Data analyses and visualization
- Artificial intelligence algorithms
- Structured programming
- Cloud Computing (Microsoft Azure)
- Object-oriented programming
- Proficiency in Python (Numpy, Pandas, Matplotlib, Seaborn)
- Construction of Dashboards with Python (Dash)
- Intermediate skills in R, MATLAB, C, and Java
- Basic programming in Julia
- Constant use of GNU/Linux systems
- Use of version control software (Git)
- Databases with SQL
- Extensive knowledge of numerical methods
- Knowledge of spectral theory and Fourier analysis