# Fernando Javier Alcántara López

## Personal information

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in linkedin.com/in/fernando-javier-alcantara-lopez

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📍 Querétaro, Mexico

## Skills

Python
- -Pandas
- -TensorFlow
- -Matplotlib
- -Numpy

Jupyter

C++

Matlab

Qt

Mathematica

## Aptitudes

Analytical

Abstraction

Creative

Committed

Autodidact

## Languages

Spanish – Native Language

English Toefl 550 (B2)

## PROFILE

Mathematician by training and at heart with a great curiosity and desire to understand the world in which we live; I decide to enter into the world of Data Science to learn and contribute with my knowledge and skills to improve the world.

## ACADEMIC TRAINING

**PhD in Mathematical Sciences**          Aug/2018–present
Universidad Nacional Autónoma de México

**Master of Science Mathematical Engineering**          Aug/2013–June/2015
Universidad Autónoma de Querétaro

**Bachelor of Applied Mathematics**          Aug/2017–Dec/2011
Universidad Autónoma de Querétaro

## SPECIALIZATION COURSES

Mar/2022 – Becas Santander Tecnología | Desarrolla competencias para la revolución digital | Emtech. Santander | Becas

Mar/2022 – Curso completo de Machine Learning: Data Science en Python. Udemy

Feb/2022 – Machine Learning. coursera

Oct/2021 – Curso Maestro de Python 3: Aprende Desde Cero. Udemy

## PROFESSIONAL EXPERIENCE

Jan/2022-Feb/2022 – Contestant and Finalist in Desafío Data México: Inclusión Financiera y MIPYMES.

July/2019-Nov/2019 – Software Developer of "Triple Permeability Effect". C++/Qt

Nov/2016-Feb/2018 – Collaborator in the project "Oil Reservoir as a Fractal Reactor: a Triple Porosity and Permeability Model of the fractured medium (matrix-vugule-fracture)". Manager: Klavdia Oleschko Lutkova, UNAM campus Juriquilla.

## SCIENTIFIC PUBLICATIONS

2022 – doi.org/10.3390/math10050825
2021 – doi.org/10.3390/math9161915
2021 – doi.org/10.3390/math9040383
2020 – doi.org/10.3390/mca25040074

*CV summarized for the last 5 years. Extensive CV on Github