Fernando Javier Alcántara López

Personal information

🏠 Santa Rosa Jauregui, Qro.

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✉ alcantaralopezfernando@gmail.com

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

github.com/Fernando-JAL

📍 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