Edvaldo Francisco de Melo Neto

Brazilian • 24 years

Manoel Francisco Gomes Street, No. 46, Downtown, Ferreiros/PE

+55 81 99294-6090 • emeloppgi@gmail.com

● ACADEMIC EDUCATION

High School and Technical in Informatics - Miguel Arraes de Alencar State Technical School (Timbaúba/PE) - 2012.

Bachelor of Computational Mathematics - Federal University of Paraíba (João Pessoa/PB) - 2018.

Master's Student in Informatics - Federal University of Paraíba (João Pessoa/PB) - End in 2020.

● PROFESSIONAL EXPERIENCES

Modeling Laboratory in Petroleum Engineering (LAMEP) - Member of the reserach tem, developing a research project for CENPES/PETROBRÁS, 2017 - 2020
Functions: Acting in the lines of Artificial Intelligence and Digital Petrophysics.

● LANGUAGES

- **Inglês**
Reading: Advanced, Writing: Intermediate, Speech: Intermediate

● ADDITIONAL INFORMATION

- **Published Articles**

Automatic classification of hydrocarbon "leads" in seismic images through artificial and convolutional neural networks - Computers & Geosciences - 2019.

Predominant Pore Direction: A 2D Thin Section Approach Applied to Reservoir Rock Core Samples - 10th Brazilian Congress of Research and Development in Oil and Gas (PDPetro), Natal, RN - 2019.

Identifying the Predominant Pore Directions in a Porous Medium: An Application to Reservoir Rock Core Samples - Fifth EAGE Workshop on Rock Physics, Milan, Italy - 2020.

- **Courses**

Students to Business Online: Development - Microsoft - 2011.

Full SQL - Softblue - 2011.

Programming Logic - Softblue - 2011.

SQL 2008 Database - TreinaWeb - 2012.

Students to Business Program: S2B - Microsoft ETEPAM - 2013.

C++ Language - Softblue - 2016.

- **Participation in Events and Congresses**

XXVI Scientific Initiation Meeting - Federal University of Paraíba - 2018.

10th Brazilian Congress of Research and Development in Oil and Gas (PDPetro) - Natal/RN - 2019.

- **Experiências**

Python, C/C++ and Matlab Programming

Experience in Artificial Neural Networks, such as CNN and LSTM.