Raimundo Oscar de Sousa Júnior

Geophysical | Geoscientist



About me

B.Sc in Geophysics from the Federal University of Western Pará and M.Sc. in Geophysics by the Rio de Janeiro National Observatory. Experience in Python programming language with emphasis on numerical solutions and inverse problems applied to the interpretation of data from potential fields.

- Contacts

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- in Oscar Filho

- Languagens

- \delta Portuguese of Brazil Native language
- American English Intermediary

EDUCATION

2020-2022



Master's degree in Geophysics **National Observatory**

Q Rio de Janeiro

2015-2018



Bachelor of Geophysics Federal University of Western Pará Santarém-Pará



Bachelor of Earth Sciences Federal University of Western Pará Santarém-Pará

(E) WORK EXPERIENCE

2019-2020

Particular teacher

Santarém, Pará

Private physics and mathematics teacher for high school students

2016

Volunteer teacher

Santarém, Pará

Volunteer physics teacher for the EMACIPA project, which aimed to assist and prepare students from public schools for ENEM

PUBLICATIONS

Abstract

Utilização de segmentação binária para o melhoramento interpretativo de propriedades físicas de um perfil geofísico de poço em uma zona de hidrocarbonetos, Raimundo Oscar de Sousa Júnior (UFOPA), Cauã da Silva Chagas dos Santos (UFOPA), Beatriz da Gama Silva (IEG, UFOPA), Aldenize Ruela Xavier (UFOPA) e Aumir da Silva Viana(UFOPA), 15th International Congress of the Brazilian

Iournal Article

Correlação litoestratigráfica entre depósitos plaistocênicos na região brazos-trinity, golfo do México, AL Alves, RO de Sousa Júnior, CSC dos Santos, AR Xavier, Brazilian Jour-

Geophysical Society EXPOGEF, @ 10.1190/sbgf2017-233

nals of Development, 10.34117/bjdv6n3-054

Abstract

Inversão conjunta de função do receptor e dispersão de ondas de superfície, aplicado a estudos da Litosfera, Raimundo Oscar de Sousa Junior, Cintia Rocha da Trindade, José Eduardo P. Soares, XXI ENMC - Encontro Nacional de Modelagem Computacional e IX ECTM – Encontro de Ciências e Tecnologia de Materiais, 🚭

Abstract

Métodos interativos para solução de sistemas nãolineares e suas bacias de atração, C. S. C SANTOS, J. F. GOES, R. O. SOUSA JUNIOR, XXI ENMC - Encontro Nacional de Modelagem Computacional e IX ECTM - Encontro de Ciências e Tecnologia de Materiais, 🚭

Interpersonal skills and strengths —

Creativity Inquisitiveness Flexibility

Self Confidence Ability to plan and organize

Autonomy Adaptability Attentive to details

Problem Solver Team work

Loves to learn new skills Good communication

information management Diplomacy

Good listener Patient

Professional skills

geophysical surveys (SEV, CE, GPR)

Processing/interpretation of geophysical well logs

Processing/interpretation of seismological data

map creation (QGIS e ArcGIS)

Field practices in geology and geophysics

- Other interests -

- Gym 💉
- Movies
- Travels 🚱
- Books ≅

☐ SKILLS IN INFORMATION TECHNOLOGY

Data analysis MATLAB: Basic

Pandas DataFrames: Intermediary
Jupiter Notebook: Advanced
Numpy e Scipy: Intermediary

scikit-learn: Basic

Data Visualization Matplotlib: Intermediary
Pyvista: Intermediary

Boker: Basic **Seaborn**: Basic

Geoprocessing

QGis: Intermediary

Office Automation MS Office (Excel, Word, PowerPoint): Intermediary

ĽTĘX: Advanced

</> PROGRAMMING LANGUAGES

• Matlab: Basic

• LaTeX: Advanced

• Python: Intermediary

• SQL: Basic

*****CERTIFICATES



• Python course (Souk Analytics, 2022)





• Introduction to Git and GitHub (Digital Innovation One Inc, 2022)



Acquisition, processing and modeling of GPR data: theory and practice. (UFOPA, 2016)



• car mechanic course. (SENAI, 2013)