

## ABOUT

A geoscience professional looking forward to solving scientific-industrial problems by developing creative solutions through highly adaptive and proactive work. I have large experience in working at multidisciplinary projects for technological innovation in geosciences, specially when related to geological modelling and applied research. I am always curious about learning new subjects and open to accept new challenges.

## EDUCATION

**ONGOING PhD IN GEOCHEMISTRY AND GEO-MODELLING**  
2019 – 2022.1 | Universidade Federal Fluminense – UFF

**MASTER DEGREE IN GEOLOGY**  
2017 – 2019 | Universidade Federal do Rio de Janeiro – UFRJ

**DEGREE IN GEOLOGY**  
2010–2016 | Universidade Federal do Rio de Janeiro – UFRJ

**ONE-YEAR INTERNATIONAL UNDEGRADUATE SCHOLARSHIP**  
2014 | University of Queensland – UQ – Australia

## CURRENT ACTIVITY

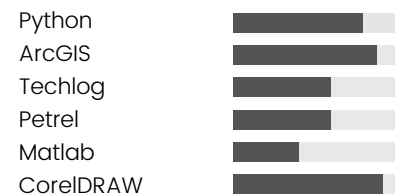
### GEOLOGIST AT PETROSOFT DESIGN:

- Geological consultancy;
- Software testing and QA/QC;
- Scientific and technical report writing.

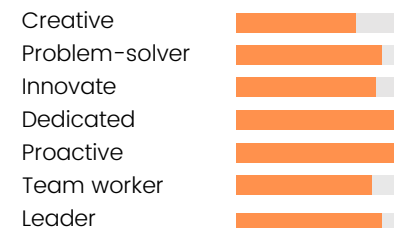
### PHD RESEARCHER AT THE "PR3 PROJECT":

- Data interpretation, spatialization and modelling (well log, seismic, geochemical and other geological data);
- Software development – team management, conceptual model, code writing (Python) and QAQC;
- Meeting with company's decision-makers to align needs and maximize the integration between our plug-in to the main software (StratBR);
- Creating the sequence stratigraphy framework of a mid/Late Cretaceous marine interval within the Espírito Santo Basin (SE Brazil), to build a 3D stratigraphic model;
- Mentoring undergraduate students (geology, geophysics and computer science students) that are developing activities within the PR3 Project.

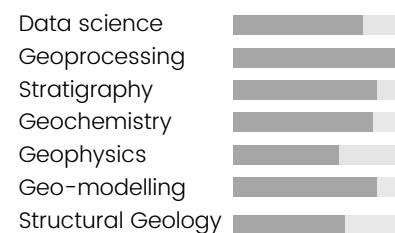
## TECHNICAL SKILLS



## PERSONAL SKILLS



## STUDY AREAS



## LANGUAGES



## SCIENTIFIC PUBLICATIONS

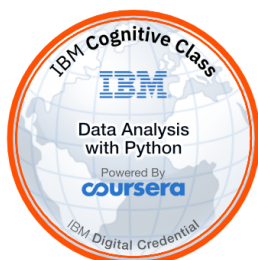
- 2022** Venancio I. M., Belem A. L., Santos T. P., Lessa D.O., **Bione F.R.A.**, Díaz R., Bernardes M.C., Souza I.V.A.F., Coutinho L.F.C., Albuquerque A. L. S., and PR-3 Team. 2020. **Temporal and spatial differences between predicted and measured organic carbon in South Atlantic sediments: constraints to organic facies modelling.** Marine and Petroleum Geology, Journal Pre-proof.  
<https://doi.org/10.1016/j.marpetgeo.2022.105524>
- 2021** Santos T.P., **Bione F.R.A.**, Díaz R.A., Bernardes M.C., Moreira M., Venancio I.M., Franco D.R., Belem A.L., Lisboa L.P., Leonardo N.F., Souza I.V., Albuquerque A.L.S and PR-3 Team. 2021. **Late Cretaceous astrochronology, organic carbon evolution, and paleoclimate inferences for the subtropical western South Atlantic, Espírito Santo Basin.** Cretaceous Research, 129: 105032.  
<https://doi.org/10.1016/j.cretres.2021.105032>
- 2019** **Bione F.R.A.**, Bongioiolo E.M., Mendes J.C., Roland C.L. 2019. **Geochemistry, Sm-Nd isotopes and SHRIMP U-Pb geochronology of the Morro do Coco Granite (RJ, Brazil): another piece of the post-collisional magmatism of the Ribeira Belt.** Braz. J. Geol., 49(3): e20190010. <http://dx.doi.org/10.1590/2317-4889201920190010>.

## REGISTERED PATENT

- 2021** Albuquerque, A.L.S., Venancio, I.M., **Bione F.R.A.**, Abreu, P.V., Couto, L.L., Moreira, M., Bernardes, M.C., Belem, A.L., Santos, T.P., Díaz, R., Souza, I.V.A.F., Spigolón, A.L.D. 2021. **Método de determinação do conteúdo, qualidade e maturação da matéria orgânica em ambiente marinho para exploração de poços de petróleo.** Instituição de registro: INPI - Instituto Nacional da Propriedade Industrial. Número do registro: BR1020210257113. Depósito: 18/12/2021

## ISSUED ONLINE CERTIFICATES

**2021**



Data Analysis with Python  
IBM – Issued by Coursera  
13 hours



Exploratory Data Analysis for Machine Learning  
IBM – Issued by Coursera  
8 hours

## OTHER COURSES

- 2021** **DIONISOSFLOW TRAINING**  
DIDIER GRANJEON and BENOIT CHAUVEAU - IFP ENERGIES NOUVELLES  
6 hours
- 2019** **STRATIGRAPHIC FORWARD MODELLING: A SHORT INTRODUCTION TO DIONISOSFLOW**  
BENOIT CHAUVEAU - IFP ENERGIES NOUVELLES  
16 hours
- 2016** **OFFSHORE DRILLING TECHNIQUES**  
ALPHONSE GRYNKO - TOTAL Professeurs Associés & TOTAL E&P do Brasil  
20 hours