FELLIPPE BIONE

GEOLOGIST

CONTACT

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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:

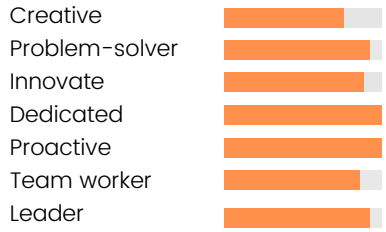
- Geological consultancy;
- Algorithm development;
- Software testing and QA/QC;
- Scientific and technical report writing.

PHD RESEARCHER AT THE "PR3 PROJECT":

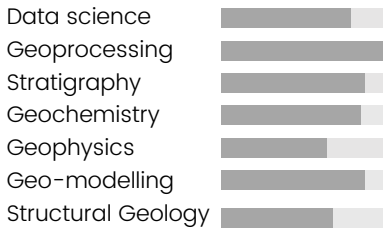
- Data interpretation, spatialization and modelling (well log, seismic, geochemical and other geological data);
- Software development – team management, conceptual model, code writing (Python) and QAQC;
- Meeting with company`s decision-makers to align needs and maximize the integration between our 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.**, Bongiolo 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