

Miguel R. Ferreira Filho

Data Scientist/Web Developer

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Description

Data Scientist and Developer specialized in Python.

Education

IBMEC

Belo Horizonte

Production Engineering (2020-2021) - Interrupted during pandemic.

Skills

Data Science

- CRISP-DM Process (basic Data Science Methodology)
- SQL and NoSQL databases
- Visual Studio Code | Google Colab | Conda | Jupyter
- Data Science with Python | Scikit-learn | Tensor-Flow | Keras | PyTorch
- AWS Services, Streamlit and other MLOps technologies
- Fluent english.

Web Developer

- Django and other web frameworks (FastAPI, Flask, etc.)
- MERN
- Heroku, Vercel, Render, etc.

Courses and certificates

IBM Data Scientist (currently doing - 159h): "In this Professional Certificate, learners developed and honed hands-on skills in Data Science and Machine Learning. Learners started with an orientation of Data Science and its Methodology, became familiar and used a variety of data science tools, learned Python and SQL, performed Data Visualization and Analysis, and created Machine Learning models. In the process they completed several labs and assignments on the cloud including a Capstone Project at the end to apply and demonstrate their knowledge and skills". Credential ID: <https://coursera.org/verify/professional-cert/637W4PHR6GGS>.

Formação Data Science com Python e R (46h - Udemy): Complete Data Science training course, promoted by Udemy, with 347 classes and 53 topics. Data analysis, statistics, object oriented programming, libraries (Numpy, Pandas, Matplotlib, Scikit-learn, Tensor-flow, Keras, etc), machine learning, model creation, model training, application and hosting of algorithms in virtual machines. Credential ID: 997DC03B.

Geração Tech Unimed-BH - Ciência de Dados (126h - Unimed): Complete Data Science training course, promoted by Unimed. With a practical approach, content included hosting, AWS services, SQL and NoSQL technologies, MongoDB, data management, beyond Python and its technologies (same as described above). Credential ID: UC-285c2555-1652-4f8a-bcb7-513f037f1e8e.

Impulso React Web Developer (67h - Digital Innovation One): Complete web development course, including HTML, CSS, JavaScript, Redux, React and MongoDB. Credential ID: FEC0A141.

Experiences and volunteers

IESLA | Belo Horizonte

IT Consultant (april/2022 - april/2023)

- Technical assistance to the teaching staff; software maintenance and installation; hardware maintenance.

Professor at Biblical Studies | Igreja Assembléia de Deus - Pampulha

Chess instructor (2013 - 2015) | Escola Estadual Madre Carmelita

- Represented this school in local chess tournaments; led and auxiliated the team.