Roberto Hatiro Nishiyama

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GitHub/ Portfolio: *https://github.com/rhatiro*

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Data Scientist

QUALIFICATIONS SUMMARY

- Evolving career in the field of data science;
- Solid experience in data processing, manipulation, and visualization using Python, SQL, and major libraries such as NumPy, Pandas, Matplotlib, Seaborn, Plotly, and Scikit-learn, as well as familiarity with development environments such as the Anaconda Platform and Jupyter Notebook;
- Skills in exploratory data analysis (EDA) and CRISP-DM methodology;
- Building and implementing Machine Learning algorithms, including predictive classification and regression models, Ensemble techniques, as well as performance optimization strategies;
- Familiarity with Amazon Web Services (AWS) cloud services platform and data computing and analysis services such as S3 and Athena;
- Experience with the PostgreSQL Database Management System, including table creation and manipulation, SQL queries, and performance optimization concepts;
- Solid knowledge of version control system Git and GitHub, including repository management, code versioning, conflict resolution, and team collaboration;
- Scripting and deployment of interactive applications using Streamlit, combining complementary skills in Front-End development and responsive design, with experience in HTML, CSS, and JavaScript.

EDUCATION

- Data Scientist | *EBAC – British School of Creative Arts and Technology*
  - February/2022 – Present
- Bachelor of Social Communication | *UAM – Anhembi Morumbi University*
  - July/2010 – July/2014
- Digital Design Technician | *UAM – Anhembi Morumbi University*
  - July/2006 – July/2008

SKILLS

- Python, SQL, Anaconda, Jupyter Lab, Jupyter Notebook, Google Colaboratory;
- PyPI, NumPy, Pandas, Matplotlib, Seaborn, Plotly, Scikit-learn, Statsmodels;
- Visual Studo Code, Sublime, PyCharm;
- HTML, CSS, JavaScript, jQuery, React, Figma;
- Amazon AWS;
- PostgreSQL;
- Streamlit;
- Git and GitHub;
- Microsoft Office and Adobe;
- MacOS, Linux and Windows.

RELEVANT PROJECTS

Data Scientist: Income Prediction
https://rhatiro-ebac-projeto02-previsao-renda.streamlit.app/
- Developed during the EBAC course in April 2023.
- Data science project following the CRISP-DM methodology, aimed at creating an income prediction model through exploratory analysis, regression tree modeling, performance evaluation, and model deployment using Streamlit.

Data Scientist: Credit-score
https://github.com/rhatiro/Credit-score
- Developed during the EBAC course in March 2023.
- Data science project aiming to build a predictive model to identify the risk of default in credit card applicants, with the goal of helping the borrower make their own credit decisions.

Data Analyst: Credit EDA and Analysis
https://www.kaggle.com/code/robertohatiro/credit-eda-and-analysis
https://www.kaggle.com/code/robertohatiro/ebac-modulo-10-python-projeto-final

- Data analysis projects in Python and SQL involving descriptive analysis of customer profiles and credit data, with the aim of assessing the risk of default.

Front-End Developer: AluraTube
https://aluratube-rhatiro.vercel.app/

- React learning project developed during the 5th edition of the 'React Immersion' with a focus on the Next.js framework, held by Alura from November 7 to 11, 2022.
- AluraTube is inspired by the YouTube platform and aims to store videos with content organized by new or previously created playlists.

CERTIFICATIONS

https://github.com/rhatiro/certificados

LANGUAGES

- English – Intermediate

PREVIOUS FIELD EXPERIENCE

São Paulo Symphony Orchestra Foundation, São Paulo   03/2018 – 12/2022
(Large company)
Audiovisual Technician
- Project management for sound reinforcement, recording, and transmission, as well as projects for improvements in audiovisual and structural systems, with a focus on completion and delivery deadlines.
- Sizing, assembly, and operation of audio and video equipment for events and broadcasts, including recording, editing, conversion, manipulation, and file transfer for reference.
- Preparation and management of spreadsheets with audiovisual records and various team demands.
- Collaboration and effective communication with team members, external clients, and colleagues from different departments, including musicians, event organizers, marketing teams, and system administrators, to understand needs and ensure successful event setups, operations, recordings, and transmissions completed on time.
- Timely analysis and troubleshooting during live event recordings and broadcasts.
- Control, conservation, and organization of equipment and accessories.
- Ongoing update regarding new technologies and trends in audiovisual equipment.

Medialand, São Paulo   11/2012 – 03/2017
(Small company)
Sound Designer
- Responsible for sound design, editing, mixing, and finalization of all audio content for programs, series, films, and documentaries, according to specific technical requirements for delivery within defined deadlines, using AVID Pro Tools software on the MacOS platform.
- General assistance in the post-production department, including video editing, color grading, file conversion, subtitling, media ingest, quality control, and routine IT matters.