Contact

51997623415 (Mobile)
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www.linkedin.com/in/fuhr
(LinkedIn)
github.com/gtfuhr (Portfolio)

Top Skills

Machine Learning
Python
Ciência de dados

Languages

English (Full Professional)
Português (Native or Bilingual)

Certifications

Multilabel text classification: multiple contexts in NLP

Data Governance

Data Analytics: Machine Learning in Digital Marketing

AWS Machine Learning Foundations 2022

Data clustering: customer segmentation

Publications

Adding rows to a Pandas Dataframe

Framework de Machine Learning para busca de melhores parâmetros em algorítmos de restauração de imagens

Clube do Machine Learning (Aprendizado de Máquina)

Auto Gamepad: A dynamic multiplayer game touch control based on user behavior

Pandas-Profiling, explore your data faster in Python

Gabriel Tobias Fuhr

Senior Data Scientist - Grupo RBS
Santa Maria, Rio Grande do Sul, Brazil

Summary

I am a data scientist passionate about solving complex problems and creating value from data. I have experience in finance and media, developing and deploying data products using Python, machine learning, and data engineering. I have also worked as a freelancer with international clients and as a researcher at UFSM, where I founded a machine learning Club. I work at Grupo RBS, where I integrate data science into the company culture and help improve millions of users' digital experiences. I am always eager to learn new skills and technologies and collaborate with other data science professionals. If you'd like to connect with me, please send me a message or an invitation.

Experience

Grupo RBS
1 year 8 months

Senior Data Scientist
April 2023 - Present (7 months)

We integrate data science and statistics into the company's culture by defining and deploying data products, showcasing their impact on digital users. Our products process 1MM daily article-reading events, analyzed by multiple models for insights, such as article recommendations and optimal user conversion via ML. I designed part of the data platform, implemented complete ML models, and improved the News Recommendation System.

* Build a Serverless Machine Learning model that trains and delivers predictions daily.
* Improvements to an existing Recommendation System.
* Automatic Up/Down for the Cloud Composer environment, saving up to 75% in costs.
* Optimized an NLP model from the literature to train with over 80000 texts in a low memory environment.
* Use of SQL to optimize complex queries.

Data Scientist
March 2022 - March 2023 (1 year 1 month)

INCO Investimentos
Data Scientist | Data Engineer
March 2021 - March 2022 (1 year 1 month)
Belo Horizonte, Minas Gerais, Brazil

Developed ETL pipelines for diverse data sources and prepared the data for BI tool queries (e.g. Quicksight) using AWS Serverless technology (Lambda, S3, and Athena). Used
BI tools to perform Data Analysis. Predicted company credit ratings using explainable ML models and analyzed feature influence on ratings. Experienced with event-based architecture in Agile environments.

* Created a Data Warehouse for event-based architecture.
* Risk prediction using Explainable ML.
* Integrated automatic system error reporting to the routine of the team.]
* Use of SQL to optimize complex queries.

Upwork
Freelance Data Scientist with Foreign Clients
January 2020 - March 2021 (1 year 3 months)

Assisted in achieving goals by creating efficient ML solutions using Python and writing technical articles on Data Science. Developed Python applications for multiple financial markets. Followed programming paradigms like OOP and FP, and implemented ML/DL models for financial markets. Designed and managed internal system infrastructure, including models, pipelines, and scalers. Redesigned and optimized back-testing tool for financial markets using recent ML literature. Used English as a working language.

Drakkar Agricultura de Precisão
Freelance Data Scientist
March 2020 - August 2020 (6 months)
Santa Maria, Rio Grande do Sul

Designed HR app infrastructure and data platform, performed RDB modeling, and delivered on AWS with CI/CD. Built a data pipeline using Python to extract, transform and integrate HR data. Created data visualizations to extract value from the data.

UFSM

1 year 11 months

Undergraduate Researcher
May 2019 - March 2020 (11 months)
Santa Maria, Rio Grande do Sul, Brazil

Developed image noise filtering techniques using Python and Machine Learning for the National Institute of Space Research. Created a mobile Data Visualization tool for medical research and deployed the complete infrastructure of the application using AWS.

Undergraduate Teaching Assistant
May 2018 - May 2019 (1 year 1 month)
Santa Maria, Rio Grande do Sul, Brazil

Worked at PET-Computer Science, supporting university peers with study materials. Created and taught courses in Machine Learning and Data Science, including starting a Machine Learning Club at the university.

Apolo Informática
Information Technology Technician
August 2015 - February 2017 (1 year 7 months)
Portão, Rio Grande do Sul, Brazil

Worked with the maintenance of electronics, computer networks, and customer support.

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Education

Udacity
Nanodegree, Data Architect · (July 2023)

MBA USP/Esalq
Master of Business Administration - MBA, Data Science · (March 2022)

Universidade Federal de Santa Maria
Bachelor's degree, Computer Science · (March 2018 - December 2021)

Escola Técnica Estadual Portão
Technician course integrated to the High School, Information Technology · (2014 - 2017)