SYED ALI MURAD TAHIR

Wirtschaftsinformatik student specializing in Data Science at TU Berlin

@ syed.alimurad.tahir@gmail.com % stahir01
📞 +49 15252906492 in Syed Ali Murad Tahir

EXPERIENCE

Data Engineer Intern
Tesla

📅 09/2023 - Present   📍 Berlin, Germany

- Implement ETL pipelines in Airflow using Python and SQL
- Create interactive time series dashboards in Grafana with InfluxDB
- Optimize personalized Grafana Plugins using Docker, Go, and TypeScript
- Create multi-cluster databases in ClickHouse
- Develop, maintain, and present engineering dashboards to stakeholders in the USA and Germany, aligning with cross-regional team requirements.

Business Intelligence - Working Student
Getsteps

📅 12/2022 - 04/2023   📍 Berlin, Germany

- Design and implement data pipelines in PostgreSQL
- Perform Extract, Transform, Load (ETL) processing to extract data from various sources using SQL and dbt
- Adjust current data marts and reports by adding new columns and KPIs
- Design multiple dashboards using Metabase that were used by the marketing team in making informed business decisions
- Design a whole new organizational structure to increase transparency in datamarts

Business Intelligence - Working Student
Europcar Mobility Group

📅 09/2021 - 11/2022   📍 Hamburg, Germany

- Design reports in SAP BO and Data Studio
- Adjust and create new data marts using SQL
- Create data pipelines using SQL
- Adjust existing and develop new VBA macros in Excel and Access.

Software Developer
Rohde & Schwarz

📅 04/2021 - 07/2021   📍 Islamabad, Pakistan

- Generate one-off reports for product management (eg. debug and understand a hardware issue or backup product concepts with actual data)
- Perform Time series forecasting for analyzing sales using Tableau
- Data warehouse ETL processes using SQL

PROJECTS

Enhancing Movie Recommendations with Behavior Sequence Transformer
Technologies: NumPy, Pandas, TensorFlow, Keras

Large Language Models for Reliable Berlin Public Administration Answers
Technologies: LangChain, TensorFlow, Hugging Face

Financial News Sentiment Analysis
Technologies: Numpy, Pandas, Circlify, Sklearn, TensorFlow, Keras, NLTK, Matplotlib

Designing Seq2Seq Translation Model (English to Bulgarian) with Attention Mechanism
Technologies: Numpy, Pandas, Circlify, Sklearn, TensorFlow, Keras, NLTK, Matplotlib

EDUCATION

M.Sc. Informatik
Technische Universität Berlin

📅 10/2021   📍 Berlin, Germany

B.Sc. Electrical and Computer Engineering
Jacobs University Bremen

📅 09/2017 - 09/2020   📍 Bremen, Germany

LANGUAGES

C C++ Python SQL HTML

TOOLS

VS Code Linux Git LaTeX
Tableau Metabase Looker Studio
Google Colab Jupyter Notebook
BigQuery SAP dbt Airbyte
Airflow Grafana InfluxDB Docker
PostgreSQL MySQL ClickHouse

LANGUAGES

English - Native ●●●●●
Hindi/Urdu - Native ●●●●●
Deutsch - A2 ●●○○○

PUBLICATIONS

Combining Information Retrieval and Large Language Models for a Chatbot that Generates Reliable, Natural-style Answers

PROJECTS

Semantic Segmentation for Biomedical Image Segmentation
Technologies: Numpy, Sklearn, Pytorch, Matplotlib

Customer Segmentation using Deep Learning
Technologies: Numpy, Sklearn, TensorFlow, Keras

Stock Price Prediction using LSTM & Fbprophet
Technologies: Python, Numpy, Pandas, Matplotlib, Seaborn, Tensorflow, Keras, Sklearn, Statsmodels, FBProphet

Customer Churn Prediction using Esemble Learning
Technologies: Numpy, Pandas, Matplotlib, Sklearn

CNN on Multilabel remote sensing images
Technologies: Numpy, Pandas, Matplotlib, Sklearn, Pytorch