

Shaig Khankishizade

+49 152 31308576 | shaik.khankishizade@gmail.com | Prenzlauer Allee 87, 10405 Berlin, Germany | [Linkedin](#)

SKILLS

Languages: Python, SQL, MATLAB

Libraries: Data Cleaning (Pandas, NumPy, Scikit-Learn)

Data Visualisation (Matplotlib, Seaborn)

Data/Statistical Analysis (Scikit-Learn, statsmodels)

Databases: Microsoft SQL, PostgreSQL, MySQL

Visualisation: Familiar with Power BI and Looker

Other Tools: VS Code, Jupyter Notebook, SQL Server Management Studio (SSMS),

Microsoft (Excel, Word, PowerPoint), Anaconda, virtualenv, LaTeX

EXPERIENCE

Business Analyst – Economic Evaluation & Analysis Team

10/2021 - 10/2022

SOCAR Upstream Management International

Baku, Azerbaijan

- Evaluated full-cycle economic commercial properties of a given field with hydrocarbon reserves.
- Forecasted reference-year onward profitability, payback period and economic indicators i.e. WACC, NPV and IRR.
- Reported and updated gas delivery volumes and anticipated volumes in upcoming years.
- Visualized quarterly and monthly economic project-specific data of hydrocarbon fields to report forecasts to stakeholders.

Tools: Microsoft Excel, Microsoft PowerPoint, Python (Matplotlib)

Internship in Subsurface Reservoir Modelling Team

07/2021 – 08/2021

SOCAR Upstream Management International

Baku, Azerbaijan

- Carried out simulations on Box model and Field model using relevant software and completed tasks related to analysis and interpretation of Wireline Logs.

EDUCATION

Humboldt Universität zu Berlin

10/2022 – ongoing

Master of Science, Statistics

Berlin, Germany

- **Relevant Coursework:** Business Data Analytics, Descriptive Analytics, Data cleaning, Machine Learning, Statistical Inference, Time series, and Volatility Analysis.

Bilkent University

09/2017 – 08/2021

Bachelor of Science, Physics

Ankara, Turkey

PROJECTS

Excel data transfer Automation

2022

Job Project

SOCAR Upstream

- Programmed an automation process in Python in order to extract daily production data from excel and merge to annual production template using pandas and openpyxl libraries.
- Constructed Entity Relationship Diagram (ERD) for database and built database using MySQL.
- Prepared a GUI for automation program using Python tkinter library in order to add multiple daily production files in drag/drop function.

Tools: Python (pandas, Tkinter, openpyxl), Microsoft Excel, MySQL

Algorithms from Scratch:

Coded Machine Learning algorithms such as **Decision Trees**, **Random Forest**, **KNearestNeighbors**, and **Neural Network** as well as optimization algorithms such as **Gradient Descent** from scratch.

LANGUAGES

English: (fluent); **German:** (Proficient); **Turkish:** (fluent); **Russian:** (intermediate); **Azerbaijani:** (Mother tongue);