

DINAR ORAZGALIYEV

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📍 Saarbrücken, Germany

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EXPERIENCE

Research Assistant

DFKI

📅 Sept 2024 - now

📍 Saarbrücken, Germany

- Exploratory data analysis, data cleaning and feature engineering on time series data.
- Building ML pipelines on time series prediction.
- Training classical models (Arima, Sarima, XGBoost, CatBoost), deep learning models (TFT, TCN) and finetuning pretrained models (TTM).

Data QA

Sxope

📅 Feb 2024 - Sept 2024

📍 Remote

- Developing SQL TestCases within Zephyr, leveraging advanced SQL knowledge including window functions and joins
- Utilizing BigQuery data warehouse for querying underlying data.

DCS Engineer

KMG Automation

📅 May 2021 - Sept. 2023

📍 Kashagan, Offshore, Kazakhstan

- Programming DCS systems as per Process specifications.
- Troubleshooting applications, network and DCS hardware.
- SQL report developments on process alarms.
- Developed an excel reporting tool with VBA connected to MSSQL, which was used for KPI analysis for the team.
- Successfully utilized scripting languages such as Shell and Python for troubleshooting the system errors, and automate the job.

Automation Engineer

KMG Automation

📅 Dec 2019 - April 2021

📍 Atyrau, Kazakhstan

- Windows AD administration
- Network switch configuration

Data Engineer

Nordal

📅 Apr 2019 - Nov 2019

📍 Astana, Kazakhstan

- Development of SSRS reports based on MSSQL.
- Development of OLAP Warehouse

IT SKILLS

- Languages: C++ - basic, Python, VBA.
- General: Data Structures and Algorithms, REST API, ETL, Pandas, Matplotlib, Plotly, Pytorch.
- Databases: MS SQL.
- Cloud: Azure - basic, BigQuery
- Version control: Git
- OS: Windows, Linux

EDUCATION

Bachelor in Electrical and Electronic Engineering

Nazarbayev University

📅 2019

📍 Astana, Kazakhstan

- IELTS Overall 8.0

MSc in Embedded Systems

Saarland University

📅 2023 - Present

📍 Saarbrücken, Germany

- Courses taken: Machine Learning, Neural networks, Generative AI, Statistics, Signal Processing, Competitive Programming

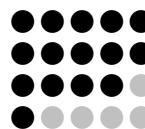
LANGUAGES

Kazakh

Russian

English

German



PUBLICATIONS

- "Adaptive Coordination Mechanism of Overcurrent Relays using Evolutionary Optimization Algorithms for Distribution Systems with DGs." DOI: 10.1109/SEST.2019.8849052
- "Towards the Application of Blockchain technology for Smart Grids in Kazakhstan." DOI: 10.23919/ICACT.2019.8701996.

SKILLS

- Teamwork and Clear Communication.
- Creative thinking and constant learner attitude.