Rauan Amirzhanov

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SKILLS

Programming Languages:	Python · SQL · R · MATLAB
Technologies & Tools:	Git · Docker · Power BI · Excel · Linux · Navicat · ETL
Databases & DB tools	MySQL
Libraries:	scikit-learn · PyTorch · Pandas · NumPy · Matplotlib
Soft Skills:	Fast learner · Team Player · Deliver results · English (C1) · Russian (Native) · Kazakh (B1)

WORK EXPERIENCE

Data Modeler | RYTE Corporation   Feb 2024 - Jul 2024

- Created and optimized the company's Global Data Model using Navicat for ERD development.
- Established logical connections between diverse datasets, improving data integrity and accessibility.
- Developed a Python script to automate updating the Global Data Model descriptions, enabling automatic extraction of tables (entities), attributes, and their relationships from the ERD into Excel for streamlined analysis.

Data Curation Associate | RYTE Corporation   Jan 2024 - Feb 2024

- Dataset preparation and verification for machine learning, encompassing accuracy, consistency, and logical relevance.

Research Assistant | Nazarbayev University   May 2023 - Jan 2024

- Developed a mathematical model based on topology, training it in the SoftGym environment using reinforcement learning to enhance robotic interactions with deformable objects in computational settings.
- Regularly presented progress and participated in weekly discussion sessions to share insights and exchange ideas with other researchers.
- Conducted literature reviews to identify existing methods and technologies in deformable object research.

Data Analyst | Yessen Company   Jun 2023 - Aug 2023

- Analyzed data for Hyatt Hotels Corporation, contributing to informed business decision-making, which resulted in a 10% reduction in operational costs.
- Developed and maintained dashboards to identify, analyze, and interpret trends in complex datasets.
- Initiated A/B testing for optimizing expenses and increasing revenues.

Floor Attendant and Houseman | Work and Travel USA   May 2022 - Aug 2022
Math and Chess Teacher | Self-employment   Aug 2019 - May 2022

EDUCATION AND TRAINING

Bachelor of Science in Mathematics   Aug 2020 - June 2024
Nazarbayev University

Data Science course   Nov 2022 - Jun 2023
Outpeer.kz
Relevant Coursework: Big Data, Supervised/Unsupervised Learning, Statistics, Exploratory Data Analysis, Machine Learning, Business Understanding

PROJECTS

Please visit my portfolio website, where you can find all relevant projects.   Link to Projects