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Amir Khadiev

Data Analyst

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I am a data analyst and former scientist with extensive research experience. I possess a strong background in statistics and expertise in mathematical modeling of time series data. Furthermore, I have gained valuable experience in marketing and product analysis, as well as in the development and deployment of machine learning models. I have also served as a mentor, guiding students in their scientific research endeavors and facilitating practical courses.

SKILLS

Languages	Python, C, SQL, Bash
ML-Framework	Pytorch, Scikit-learn, Pandas, Numpy, Scipy, Matplotlib, Seaborn
Tools	ClickHouse, MongoDB, Airflow, Tableau, Jupyter, Git, Docker

TECHNICAL EXPERIENCE

DATA ANALYST <i>Axebolt Development</i>	January 2023 — Present <i>Kazan, Russia</i>
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- Conducted a product analysis that identified an opportunity to **increase** payment conversions **by 2.5 times**.
- Designed and implemented a model to classify low-rated reviews on Google Play Store, addressing user issues and achieving an **accuracy** rate **exceeding 90%**.
- Implemented a data delivery pipeline, connecting **MongoDB** and **AWS S3** to **ClickHouse** data marts.
- Utilized **Airflow** for seamless orchestration of data workflows and visualized data effectively using **Tableau** and **SuperSet**.

RESEARCHER <i>Kazan Federal University</i>	September 2016 — December 2022 <i>Kazan, Russia</i>
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- Designed and conducted experiments to **enhance the effectiveness** of solar panels, leading to the **publication** of investigation results and mathematical models in **Q1** peer-reviewed journals.
- Won the "50 Innovative Ideas" competition at the republic level with a CO2 detection LIDAR system.
- Delivered practical physics courses for students in both English and Russian languages.

EDUCATION

Master of Science in Physics , <i>Kazan Federal University</i>	2014 - 2016
Bachelor of Science in Physics , <i>Kazan Federal University</i>	2007 - 2014

ACTIVITIES

Independent Research	2022 — 2022
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- Implemented an LSTM neural network text generator in PyTorch, integrated with a Telegram bot via an API. The application is deployable as a Docker container.
- Developed a Linux console game demo using the C language.
- Deployed JupyterHub with Docker Swarm mode and LDAP authentication on a cluster of four servers.

OTUS Data Warehouse Analyst course	Winter 2023
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