

MARK BASOV

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OBJECTIVE

Data Scientist and 4th year student at ITMO (GPA 4.8/5). Possess 7+ years of programming experience and 3+ years in data science. Currently a Data Scientist at Polymatica. Seeking a full-time opportunity to further expand my data science skills.

EDUCATION

Bachelor of Cyber Security, ITMO University Expected Graduation: 2024
Relevant Coursework: cryptography, statistics, data storage and processing, machine learning, algorithms.

SKILLS

Machine Learning	Numpy, CatBoost/XGBoost/LightGBM, Sklearn, Optuna, Statmodels
Deep Learning	PyTorch, NLTK, transformers, SpaCy, OpenCV
Data Analysis	Pandas, Seaborn, Matplotlib, Plotly, Excel, A/B testing
Other	Python, C++, SQL (PostgreSQL, MySQL), PySpark, OLAP, Docker, k8s, Git, Linux
Spoken Languages	Russian (native), English (intermediate)

EXPERIENCE

Data Scientist Oct 2021 - Present
Polymatica (a Softline company) *Moscow, Russia*

- Provided technical expertise in ML Consulting & Pre-sale services, contributing to product enhancements and effective solution delivery.
- Played a technical role in the development and execution of mid-scale consulting projects, focusing on data analysis and machine learning models.
- Engaged in research focused on autoencoder architectures and time series analysis, contributing significantly to the team's knowledge.

PROJECTS

StudyMate: Educational Testing Tool Sep 2023
Developed a tool designed to generate tests from a wide range of educational materials, including video, audio, and text formats. The tool integrates a QA model and a distractor generation module.

Chatbot for classifying toxic comments Jul 2022
Developed an AI-powered chatbot for VK that identifies toxic messages and collects user behaviour data.

Vehicle detection and classification Apr 2022 - May 2022
Created a model to detect and classify vehicles from CCTV images. Managed data collection and annotation.

COURSES

- **Deep Learning School** Sep 2021 - Mar 2022
Covered fundamentals of ML algorithms, computer vision, and NLP.

HOBBIES

Actively following the world of LLM technologies, hoping to see the rise of AGI and contribute to its creation. I am also engaged in studying RL, exploring its potential in various applications. Outside of the technical realm, I enjoy connecting with people from different walks of life and sharing knowledge.