

MARK BASOV

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OBJECTIVE

Data Scientist and 4th year student at ITMO (GPA 4.7/5). Possess 5+ years of programming experience and 3+ years in data science, of which more than 1.5 years was in a commercial capacity. Currently a Data Analyst 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
Data Analysis	Pandas, Seaborn, Matplotlib, Plotly, A/B testing
Other	Python, C++, SQL (PostgreSQL, MySQL), Docker, AWS, Git, Linux
Spoken Languages	Russian (native), English (intermediate)

EXPERIENCE

Data Analyst

Oct 2022 - Present

Polymatica (a Softline company)

Moscow, Russia

- Developed and maintained a recommendation system using a three-stage regression ML model. Designed the optimization problem and supervised its code maintenance.
- Improved the marketing communications strategy through uplift modeling.
- Engaged in ML consulting. Conducted pre-sales, technical demonstrations, product backend improvements, testing, and implementation.

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.