

MARK BASOV

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OBJECTIVE

Data Scientist and 3rd year student at ITMO (GPA 4.7/5). Possess 4+ years of programming experience and 2+ years in data science, of which nearly a year was in a commercial capacity. Currently a Data Analyst at Polymatica. Seeking a full-time opportunity to further harness and 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
Deep Learning	PyTorch, NLTK, transformers, SpaCy
Data Analysis	Pandas, Seaborn, Matplotlib, A/B testing
Other	Python, Java, 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. Utilized partial dependencies and SHAP plots for result analysis.
- Enhanced the marketing communications strategy through uplift modeling. Constructed an ML model achieving positive uplift and qini scores.
- Explored autoencoder architectures for anomaly detection in time series data. Developed a package for the product, communicated with customers.

PROJECTS AND COMPETITIONS

ML Hackathon "Digital Breakthrough 2022"

Aug 2022

Collaborated with a team to develop a website allowing users to upload legal documents and classify text paragraphs using NLP. Achieved 7th place.

Chatbot for classifying toxic comments

Jul 2022

Developed an AI chatbot that identifies toxic messages and collects user behavior 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. Achieved over 90% classification accuracy.

COURSES

• **Deep Learning School**

Sep 2021 - Mar 2022

Covered fundamentals of ML algorithms, computer vision, and NLP.

HOBBIES

Passionate about AI advancements. Enjoys walking, museum visits, and theater outings. Engages in philosophical discussions and has a keen interest in Japanese culture.