ALEXEY POPOV

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OBJECTIVE

Data Science / Product Analyst intern looking for internship, seeking full-time/part-time roles

ABOUT ME

Dedicated data science and statistics enthusiast who excels at performing data collection, analysis and conducting comprehensive reports. Possess great analytical skill, strong attention to details and big desire to help companies solve data-driven cases using ML/DL/Statistics.

EDUCATION

Bachelor of Computer Science, ITMO University 2022-2026
3rd year student, Software Engineering

SKILLS

Technical Skills	Python (pandas, numpy, sklearn, matplotlib, etc), A/B testing, Statistics, EDA, Machine Learning, PostgreSQL, Visualisation, Dashboards
Other	Git, Linux, Docker, Bash, Shell, ELT/ETL

COURSES

Yandex SHAD Python 2024

- Numpy, Pandas, data structures, bytecode, visualisation, testing, datatime, libraries
- OOP, multiporcessing, async, design patterns, descriptors, computation acceleration, memory leaks, Tensorflow

ITMO Bonustrack Data Analysis 2023/24

- Statistics, A/B Testing, Classic ML, Visualisation

PROJECTS

Classic ML from scratch: Implemented models from scratch and verified their correctness by comparing results with the scikit-learn library, using synthetic data. Currently developed kNN classification, kNN regression, linear regression, and Decision Tree classification (Check here)

EDA: Analyzed and preprocessed the German credit score dataset to prepare for modeling, conducted EDA to uncover insights and patterns within the data, implemented Random Forest and Gradient Boosting algorithms to develop predictive models for credit scoring, evaluated model performance and fine-tuned parameters to achieve optimal results (Check here)

Credit scoring: Project where I analyzed a dataset containing credit histories of residents in Germany, with the task of determining whether a particular user could be granted a loan. Conducted EDA, data preprocessing, generating features from the dataset, performed hyperparameter tuning, trained classification models using Decision Trees and Random Forest, and evaluated model performance using metrics (Check here)

Yandex SHAD Python: Tasks from couse (Check here)

VK. Internship assignment: Solved a profiling assignment for VK, which involved processing time series data, performing EDA, generating features from the dataset, hypothesis testing, and training a classification model. I chose CatBoost as the modeling approach (Check here)