

Miron MEDVEDEV

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OBJECTIVE

AI and Data Science professional with hands-on experience in model development, deployment, NLP and data analysis. Seeking challenging opportunities to further develop and apply my skills.

EDUCATION

Master of Science in Applied Economics , Higher School of Economics	2020-2022
Bachelor of Economics , Higher School of Economics	2016-2020

EXPERIENCE

Machine Learning Engineer , Amberdata	Nov 2022 - Present
<ul style="list-style-type: none">Increased news video accessibility by 30% by developing and deploying a neural network for subtitle generation using FastAPI and RabbitMQ.Improved the information retrieval speed by 20% by implementing a Q&A model using BERT and FAISS index.Elevated the F1 score to 90% in opinion detection for Unified State Exam essays by fine-tuning BERT.Enhanced user profile accuracy by 15% by training a model on clickstreams to produce user embeddings.Raised targeted marketing efficiency by 30% by contributing to a team project to classify users based on socio-demographic characteristics.Streamlined internal decision-making by supporting the analytics team in developing 5 Superset dashboards using PySpark and Hive.	
AI Researcher , SkillCup	May 2023 - June 2023
<ul style="list-style-type: none">Boosted content creation rate by 20% by engineering a system that autonomously generates multiple-choice questions using FRED-T5 and ruGPT-3.Managed end-to-end project phases including client communication, leading to successful deployment on Yandex DataSphere.	
Data Science Intern , SBERBANK	July 2021 - Oct 2021
<ul style="list-style-type: none">Increased organizational transparency by visualizing inter-departmental connections using NetGraphX and Graphviz.Achieved CER = 0.065 and WER = 0.157 by leading a Russian Handwriting Recognition project using a state-of-the-art architecture. Link to the project on GitHubAccelerated issue resolution time by 10% by employing LDA to categorize frequent problems in Jira tickets.	

SKILLS

Programming	Python, SQL, R, Git, Linux, Bash, LATEX
Libraries	Pytorch, Numpy, Tensorflow, FastAPI, Pyspark, Deepspeed, Pyspark, XGboost, Pandas, Scikit-learn, Matplotlib, Plotly, Seaborn
Tools	Hive, Superset, RabbitMQ, Yandex DataSphere
Languages	English, Russian

HOBBIES

- Passionate about climbing.
- Enthusiastic follower of Formula 1 racing.
- Enjoy watching and analyzing films.
- Active listener of various music genres.
- Avid football fan and player.
- Active E-sports fan, rooting for 9Pandas