



Andrii Bratun

Data Scientist / ML engineer / DL

My Contact

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Tech Stack

- Python
- PyTorch, TensorFlow, Keras
- Transformers, scikit-learn, timm, opencv
- Pandas, numpy, scipy, statistics, cudf, cuml, cupy, rapids
- mlflow, airflow
- Matplotlib, Bokeh, seaborn
- Flask, FastAPI
- Xgboost, Lightgbm, Catboost
- Jupyter Notebook, PyCharm
- Jira, Git, Docker
- AWS, Databricks, PySpark, boto3, MapReduce
- BERT, NLTK, Gensim, spacy
- Bayesian-optimization, hyperopt, optuna
- Tqdm, kneed
- Lime, SHAP.

Education Background

- NTUU "Igor Sikorsky Kyiv Polytechnic Institute"
Masters in Data Science
Completed in 2022
- NTUU "Igor Sikorsky Kyiv Polytechnic Institute"
Bachelor of Computer Engineering
Completed in 2020

Hackathons

- Hackathon SoftServe 2020 (solo 3-rd place):
Churn prediction.
- Hackathon sweet.tv 2020 (solo 3-rd place):
movie recommendation system.
- Hackathon INT20H 2021 (team 2-nd place):
Book rating prediction.
- Hackathon Hack4Retail 2021 (team 3-rd place):
Forecasting system for retailers.

About Me

Machine learning engineer with over 5 years of experience

Professional Experience

GlobalLogic | Senior ML engineer / Data Scientist
09.2020 – Present

MLOps, development, experimenting, leading the team, planning

- Designed and created algorithms, built models, prototyped solutions.
- Worked in a team with the Software Engineers, Data Analysts, Data Scientists, and Data Engineers of the Data team, as well as our business contacts (Product teams, Sales, Customer Engagement, Marketing, etc.).
- Proposed innovative use cases (features in the product / algorithms to scale our business);
- Hire and manage data scientists.
- Train former data analysts to become data scientists.
- Build the ML (AWS SageMaker, Azure Databricks), DataStore (S3, Snowflake, DBFS) stack.
- At the origin of the first feature team with data scientists.

Project: User segmentation to similar groups by their behaviour features
Project: Predict likelihood of clicking on the AD by the user
Project: Content Recommendation Engine – Recommend post to users by their views history
Project: Missing inventory on the shop shelf classification
Project: Post content classification (auto-moderation system)
Project: Churn prediction
Project: Keyword extraction from post content
Project: NER – Entity extraction from post content

LITSLINK | Middle ML engineer / Data Scientist
05.2019 – 09.2020 (1 year 5 months)

- Project: Computer Vision – Bed pet photo classification.
- Project: Computer Vision – Fashion segmentation and classification.
- Project: Computer Vision – QR code detection.
- Project: Movements detection by sensor data (time series)

IWIS | Junior ML engineer / Data Scientist
02.2018 – 05.2019 (1 year 4 months)

- Project: Forecasting the demand for goods.
- Project: Smart movie scheduler with maximizing profit for the cinema.
- Project: Cold-start recommendation system (Select 10 similar films for a new film that has not yet been released).
- Project: Computer Vision – Count the number of people in the cinema hall.
- Project: Computer Vision – Define either an empty or full shopping cart with products at the bottom that a person rolls near the checkout counter.