



DANIL SHALAGIN

Machine learning engineer

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Courses

Data Processing: Big Data, Data Bases, High Dimensional Data analyses

Machine Learning: Trees, KNN, logistic regression

Deep Learning: Text processing models, GAN, reinforcement learning

Computer Vision: YOLO, RCNN, image preprocessing

Math: Math, Analytic Geometry and Linear Algebra, Probability and Statistics

Toolbox

Linux PostgreSQL Latex

Git Docker

Spark Hadoop Apache Airflow

HardSkills



Python: numpy, scipy, pandas, sklearn, pytorch, seaborn



Other: C++

Soft Skills

Responsibility,
team worker,
result driven

About me

Machine learning engineer, experienced in Python, ML and data analysis. Highly skilled in developing deep learning models to process images and texts. Excellent time management skills. Passionated about identifying customers' needs and exceeding them. Result driven.

Education

2019 - 2023 **Computer Science**

Innopolis University

Work Experience

2021 - 2022 **ML-engineer**

Innopolis University

- Developed an ML model to count the number of animals on images.
- Applied machine learning models to predict parameters of economic simulation
- Created database structure. Applied Apache Airflow to transform data

Projects

• YOLO based image search

2022

- Applied and adopted YOLO deep learning model to search animals on picture

• Retail data processing

2022

- Analyzed retail data
- Applied Machine learning models to predict most needed product in given region

• CNN for iris center selection

2021

- Pre-processed eye image
- Built CNN model to predict center of iris

Other

- **language**, English (Upper Intermediate)