



Karimov Ainur

Data Scientist



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Kazan, Russia



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LinkedIn



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About me

As an MIPT alumnus and experienced Computer Vision Engineer, I have a strong background in the computer software industry. I have expertise in a variety of technical skills, including Computer Vision, Linux, R, Image Processing, and Python programming. Throughout my career, I have demonstrated a strong ability to utilize these skills to successfully deliver results in various projects. I am confident in my ability to contribute to any team and drive positive outcomes.

Skills

computer vision



MLOps



SQL * R * C++ * \LaTeX



Python * Linux *



Russian★C2 English★B2 Tatar★B2

Spanish★A1 Turkish★B1

(*)[language proficiency]

Education

MSc, ФАКТ
МИТ (МФТИ)
2022 | Moscow

ВMath, Кафедра теории функции и приближе-
ния
КФУ Институт Механики и Математики
2014 | Kazan, Russia

Experience

Feb 2022 —
Now

Machine Learning Engineer

Innopolis University

- tasks: semantic segmentation of medical data, pathomorphology, fluorography
- skills: torch, python, tfs, DICOM

Jul 2019 —
Feb 2022

Data scientist, comp. vision

Avtodoria

- tasks: semantic segmentation, applications with HD map and geodata, image and geodata processing
- skills: python, bash, git, docker, pytest, opencv, torch, geodandas, gitlab, etc.
- achievements:
 - deep learning model from scratch to prod
 - solutions were sold for a big profit

Sep 2017 —
Oct 2018

Data Scientist

Maxima

- tasks: research, statistical analysis: finding and fitting distributions, checking the hypotheses
- skills: python, r, pandas, sklearn, statsmodels, jupyter etc.
- achievements:
 - creation an application based on the Bayesian statistics to replace people. Tests were great.

Main recent events

I was a student of "Big data academy MADE" for 3 semesters. Some learned subjects:

- advanced python: pytest, logger, rest services
- introduction to algorithms and data structures
- geodata analysis: typical problems, geopy, geopandas
- machine learning on graphs: networkx, dgl
- machine learning in production: git, docker, dvc, mlflow, airflow, kubernetes, cicd, reproducible code
- advanced ml: based on the bayesian statistics etc

Certificates

- Yandex.disk folder for certificates
- I was a listener of HPC school by Intel (2014), Innopolis University (2014, 2015) with a certificate of advanced training), Summer Bioinformatics School (2014)
- IELTS with the band 6.0
- Multiple diplomas of math contests of different levels: school, student, international:
 - 5 times the 1st place in the city contest
 - the 4th place in the state contest
 - a A second-degree diploma at “The Open Volga Mathematical Olympiad for Students named after N.I. Lobachevsky”: the first among all student and all yers of my department
 - the 1th place in the math contest of “International Space Olympics” among students from Great Britain, Russia, Germany and Greece.

Interests etc.

Science, mathematics, self-education, languages (speaking and programming)

Future aims

Reinforcement learning, SLAM, math statistics