



# Karimov Aynur

Data Scientist



5 Nov 1989



Russia



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## About me

MIPT alumni. I prefer opensource, always involved in self- and professional development.

## Skills

computer vision

MLOps

SQL \* R \* C++

Python \* Linux \* LaTeX

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 Universiy

- tasks:
  - semantic segmentation of medical data
- instruments:
  - torch, python, tfs

Jul 2019 —  
Feb 2022

Data scientst, comp. vision

Avtodoria

- tasks:
  - deep learning models (semantic segmentation) from scratch to prod
  - applications with HD map and geodata
  - image and geodata processing
- instruments:
  - python, bash, git, docker, pytest
  - opencv, torch, geodandas etc.

Sep 2017 —  
Oct 2018

Data Scientist

Maxima

- tasks
  - We were focused to create an application based on the bayesian statistics to replace people.
  - Statistical analysis of the data: finding and fitting distributions, checking the hypotheses
- instruments: python, r , pandas, sklearn, statsmodels etc.

## Events

Main events since 2014

Sep 2020 -  
Now

Big data academy  
student

mail.ru

- learned subjects:
  - advanced python: pytest, logger, rest services
  - introduction to algorithms and data structures
  - geodata analysis: typical problems, geopy, geopandas
  - machine learnong 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

2014, 2015

Summer School

Innopolis Universiy

- Courses of HPC (High Performance Computing)
- Certificate of the professional development

2014

School for young specialists

Intel

- Courses of HPC, Intel programs for HPC

2014

Summer Bioinformatics School

Bioinformatics Institute

- Bioinformatics courses

## Certificates

Yandex.disk folder for certificates

## Interests etc.

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

Future aims

DevOps, reinforcement learning, ROS, SLAM