Karimov Ainur

Data Scientist

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About me ——

MIPT alumnus. Last years I work in the field of computer vision. 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
МІРТ (МФТИ)
2022 | Moscow

BMath, Кафедра теории функции и приближения
КФУ Институт Механики и Математики
2014 | Kazan, Russia

Experience

Feb 2022 — Now	Machine Learning Engineer	Innopolis University

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

Jul 2019 — Feb 2022	Data scientist, 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 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

2014, 2015	Summer School	Innopolis University

- 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