Karimov Ainur

Data Scientist

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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
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, 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, jupiter 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 the professional development), Summer Bioinformatics School (2014)
- IELTS with the band 6.0

Interests etc.

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

Future aims

DevOps, reinforcement learning, ROS, SLAM