GORBARENKO ARTEM

JUNIOR DATA SCIENTIST

Moscow   **Age: 23 years old**

About me

I code on Python (Pandas, numpy, matplotlib, sklearn), Deal with a great number of Machine Learning algorithms and interested in BigData. I have extensive background in spatial and time series analytics. Got some of PET-projects on GitHub. I constantly improve my skills in various courses and internships. I am also actively engaged in scientific work, there are a few of my articles in scientific journals.

Work experience

Water Problems Institute of RAS (WPI RAS)   January 2022 — Present

Data Scientist :

Worked in the flood forecasting laboratory
- *Quantitative research in science articles*
- *Statistical data processing using SciPy, Numpy, Pandas, Matplotlib. EDA, hypothesis testing, outlier and omission analysis.*
- *Clustering processed features for use in a stochastic model flood forecasting using K-means, DBSCAN, Spectral clustering algorithms*

Grant of the Russian Science Foundation "Machine learning methods in solving of hydrometeorological problems"   October 2019 — Present

Data Scientist:

The project is dedicated to assessing the impact of climate change on the water regime of rivers
- *Analyzed spatial and temporal data using python and R*
- *Built a model for classifying the river flood regime using CatBoost, XGBoost, DBSCAN algorithms*
- *Take an active part in the development of a classification algorithm based on a recurrent neural network (LSTM)*

Deloitte   August 2021 — November 2021

Business analyst (internship):

Worked in Risk Advisory department.
- *Analyzed the business processes of large Russian campaigns*
- *Calculated the risks associated with working with internal IT systems*
- *Developed algorithms for automating data collection processes*

Education

MSU named after M.V. Lomonosov, Bachelor's degree   2021
Geographical, engineer - hydrometeorologist

Courses

Data Science   2022
Yandex Practicum

Data Science   2020
SkillFactory

Sberbank, KROK online intership   2021
STUDRE

Contacts

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- https://www.linkedin.com/in/artem-gorbarenko-74a0a3209/

Languages

English   C1 - Advanced

Skills

- Python   Experienced
- Data Science   Experienced
- Statistics   Experienced
- SQL   Basic
- R language   Basic
- Git   Basic
- Power BI, Tableau   Basic

Science articles

https://istina.msu.ru/profile/gorbarenko.ar/