BASKIN LEV

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Moscow, Russia

EDUCATION

Moscow Institute of Physics and Technology, Dolgoprudny, Russia *2017 - 2021*
Bachelor GPA: 4.4/5
Department of Control and Applied Mathematics
Sub-faculty of Economic Forecasting of the Russian Academy of Sciences

Lyceum «School №2», Moscow, Russia *2013 - 2017*
Top tier Physics & Math's Russian lyceum GPA: 4.7/5

WORK EXPERIENCE

Freight One(Russia's largest rail transport operator), Moscow, Russia *2021 January - March*
Data Scientist Intern
I worked in the innovative department. Came up with several approaches for anomaly detection. Participated in the preparation of new forecasting model. Worked mainly with jupyter notebook and vertica.

IEF RAS, Moscow, Russia *2020 - Present*
Junior Researcher
Created model for forecasting shale oil production in USA using ML-approaches and market analysis, which ended to be my Bachelor thesis. Also I was involved in climate CO_2 project where my main target was to adapt european models to russian conditions

PROJECTS

Titanic kaggle competition *2020 October*

- Compared different ml approaches and used feature engineering on a famous problem
- TOP 20% result(over 200000 competitors)

Collective behaviour of overloaded systems during high fluctuations *2020 Summer*

- Used Poisson process and FIFO approach to model a stream of messages
- Founded a threshold to distinguish two different behaviours of system

Mathematical modelling of the heat conduction process *2019 November - December*

- Piping the result of one process to another, semaphores
- Distributed computing. MPI, OpenMP, pthread.h

RELEVANT COURSES

Mathematical Courses
Stochastic Processes
Probability Theory
Linear Algebra
Applied Statistics (ongoing)
Math Statistics
Combinatorics

Computer Science and other
Data Science (Yandex X MIPT)
Applications of machine learning
Relational Database Architecture
Algorithms and Data Structures
Algorithms and Computation Models
Automata Theory

SKILLS

Programming Languages	Python (4/5), SQL (3/5), C/C++ (2/5)
Frameworks	Numpy (4/5), Sklearn (3/5), Matplotlib (3/5)
Software & Tools	LaTeX, Git, Jupyter, Bash, Linux, PowerPoint, Excel
Languages	Advanced English, Native Russian, Basic German, Basic Norwegian
Soft skills	Logical thinking, analytically minded, leadership experience