

Dmitry Okhrimenko

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Education

Higher School of Economics

September 2017 – June 2021

Incomplete Bachelor of Applied math and informatics

Studied courses include:

- Programming basics and methodology
- Algorithms and data structures
- Computer architecture and operating systems
- Machine learning 1 and 2
- Database theory
- Continuous optimization
- Deep learning
- Java industrial programming

Projects

Classification of objects in satellite images using deep learning

October 2018 - March 2019

- A group project.
- An algorithm used deep learning to classify different objects.
- Also we made a server and a web appearance for it.

Gröbner bases

July - August 2019

- A summer practice in my university.
- I had to study theoretical material and to solve tasks on the proposed theory.
- It made my knowledge in algebra much more confident.

Megafon - Classification of customer requests

October 2019 - September 2020

- A group project.
- The goal was to improve Megafon's voice assistant Elena.
- We tried different ML models such as w2v, tfidf, bert, LDA to find out which one will fit the best to our task.
- 10/10 as a final mark.

Kaggle - Halite by Two Sigma

July - August 2020

- A summer practice in my university.
- A group project.
- <https://www.kaggle.com/c/halite>

Skills

- Languages - python, c++, c, assembler, sql, java
- Python ML libraries - numby, pandas, matplotlib, scikit-learn
- The above listed math disciplines
- A lot of ML algorithms and models such as classification, clustering, linear regression, gradient loss and more
- Main research interest is ML

Different experience

- I was a teaching assistant 4 times during the last 2 years including
 - Mathematical analysis 1 on Faculty of Economy HSE
 - Discrete Math 2 on Faculty of Computer Science HSE
 - 2 times on Data Culture project
- The assistance included
 - checking of homeworks and tests
 - consultation of students
 - listening to oral problem solving during colloquiums and homework defences
- Also I have some tutoring experience in school informatics and maths