

Michael Vasilkovsky




SOFTWARE ENGINEER

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Skills

Programming Python, C++, C, LaTeX

Technologies      

ML Tools   , sklearn, pandas, numpy, matplotlib/seaborn, pyspark etc.

Web Flask, bare basics of HTML, CSS and Bootstrap

Languages Russian, English

Experience

iPavlov

RESEARCH DATA SCIENTIST

Dolgoprudny, Russia

May 2018 - Feb 2019

- Studied text classification methods in case of imbalanced classes (hierarchical classification, data augmentation in NLP).
- Prototyped and maintained AutoFAQ – automated question answering B2B service.

NeuroCore

DATA SCIENTIST

Moscow, Russia

Apr 2019 - Jul 2019

- Reached a solid baseline in a project on high-precision detection of potentially dangerous items on X-ray of luggage. Having started without any data our team solved the detection task with precision 0.95 and almost full recall.
- First time tried myself as a team leader.

DBrain

DATA SCIENTIST

Moscow, Russia

Aug 2019 - Oct 2019

- Implemented confidence estimation of the final prediction of the structured document recognition pipeline in order to improve accuracy by additional human verification (Human in the Loop).

Education

Moscow Institute of Physics and Technology

BSC IN APPLIED MATHEMATICS AND PHYSICS

Moscow, Russia

2015 - 2019

- Minor: Radio Engineering and Computer Technologies
- Successfully completed extracurricular program on C fundamentals
- Relevant courses: Calculus, Linear Algebra, Probability Theory, Discrete Mathematics, Computational Mathematics, Parallel Algorithms, Random Processes

Yandex School of Data Analysis

BIG DATA TRACK

Moscow, Russia

2017 - 2019

- Relevant courses: Advanced Probability, Algorithms and Data Structures, Applied Statistics in Machine Learning, Machine Learning, Advanced Python, Advanced C++, Parallel and Distributed Computations, Natural Language Processing, Big Data, Advanced Deep Learning, Reinforcement Learning, ML Engineering

Skoltech (Skolkovo Institute of Science and Technology)

MSC IN APPLIED MATHEMATICS AND COMPUTER SCIENCE

Moscow, Russia

2019 - PRESENT

- Minor: Data Science

Honors & Awards

INTERNATIONAL

2018 **Awardee**, Junction

Helsinki, Finland

DOMESTIC

2018 **Awardee**, Modulbank AI Hack

Moscow, Russia

2018 **Winner**, Photo Lab Hack

Moscow, Russia

2018 **Awardee**, Mail.ru Hack

Moscow, Russia