



Michael Solotky

Curriculum Vitae

Education

Upcoming bachelor of applied mathematics and computer science

2015–2019 Lomonosov Moscow State University,
Faculty of Computational Mathematics and Cybernetics,
Department of Mathematical Methods of Forecasting.

Future master of applied mathematics and computer science

2019–2021 Lomonosov Moscow State University,
Faculty of Computational Mathematics and Cybernetics,
Department of Mathematical Methods of Forecasting.

Experience

Department of voice technologies, Yandex, Moscow

July–Oct 2018 Software Engineer Intern.

BigARTM project – open-source topic modelling library

January 2017 Software Engineer.
– present

Additional courses

Summer school of Natural Language Processing

July 2017 National Research University Higher School of Economics.

C++ and security issues

Feb–June 2016 Kaspersky Lab, Moscow.

Computer science skills

Programming languages

SQL, Python, C++, C, NASM.

User experience with operating systems

MacOS, Arch Linux, Fedora, Ubuntu, Windows.

Known technologies and frameworks

Git, MySQL, Protobuf, C++ Boost/STL, Map Reduce, SciPy, Scikit-learn, NumPy, Pandas, BigARTM, Pytorch, LaTeX.

Languages

English upper intermediate level

Russian mother tongue

Interests

Natural Language Processing

Language Models, Machine Translation, Question Answering Systems.

Machine Learning

Solving problems at any stage from data preprocessing and model selection to implementation of algorithm and performing experiments,
(implementation of some of ML algorithms can be found in my sandbox repository on github: <https://github.com/MichaelSolotky/sandbox>).

Mathematics

Probability Theory, Mathematical Statistics, Discrete Mathematics.

Big Data

Implementation of optimal algorithms of data processing on a cluster.