

# MICHAEL VASILKOVSKY

## Software Engineer

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📍 Moscow, Russia

👤 waytobehigh

## EXPERIENCE

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### DBrain | Data Scientist

📅 Aug 2019 - Oct 2019

📍 Moscow, Russia

- Implemented confidence estimation of the document recognition pipeline used to send low-confidence predictions to crowdsourcing services (handle.ai, Yandex.Toloka) for real-time labeling
- Such a mechanism decreased error rate by 5 times in a cost of 20% of additional human verification

### NeuroCore | Data Scientist

📅 Apr 2019 - Jul 2019

📍 Moscow, Russia

- Led a project on high-precision detection of potentially dangerous items on X-ray video stream of luggage
- Managed a team of 3 data scientists
- Having started without any data our team solved the aforementioned task with precision 0.95 and almost full recall in 4 months
- The algorithm was finally applied in the Hermitage museum

### iPavlov | Research Data Scientist

📅 May 2018 - Feb 2019

📍 Moscow, Russia

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

## EDUCATION

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### MSc | Applied Math and CS

Skolkovo Institute of Science and Technology

📅 Sep 2019 - Present

📍 Moscow, Russia

Academic Advisor: Victor Lempitsky

### Yandex School of Data Analysis

Yandex | Big Data Track

📅 Sep 2017 - Jun 2019

📍 Moscow, Russia

**Relevant courses:** Algorithms and Data Structures, Machine Learning (part 1, part 2), Applied Statistics in Machine Learning, Advanced Python, Advanced C++, Parallel and Distributed Computations, Natural Language Processing, Big Data, Advanced Deep Learning, Reinforcement Learning

### BSc | Applied Math and Physics

Moscow Institute of Physics and Technology

📅 Sep 2015 - Jun 2019

📍 Moscow, Russia

**Relevant courses:** C fundamentals, Calculus, Linear Algebra, Probability Theory, Discrete Mathematics, Computational Mathematics, Parallel Algorithms, Random Processes

## EXTRACURRICULAR

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### Sberbank | Lecturer

📅 Fall 2019

📍 Moscow, Russia

- Developed and delivered a crash course in Data Science
- Mentored a group of 20 product owners and team leaders from several Sberbank IT teams

### International competitions

#### Junction | Awardee

📅 Nov 2018

📍 Helsinki, Finland

### Domestic competitions

#### Mail.ru Hack | Awardee

📅 Dec 2018

📍 Moscow, Russia

#### Photo Lab Hack | Winner

📅 Jun 2018

📍 Moscow, Russia

#### Modulbank Hack | Awardee

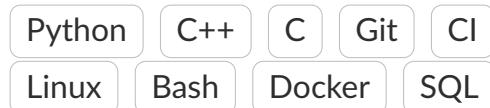
📅 Apr 2018

📍 Moscow, Russia

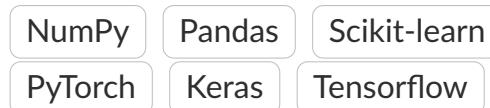
## TECHNOLOGY STACK

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### General purpose



### ML / DL



### Web / Backend



### Scalability



## OTHER

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- Member of the varsity volleyball team
- Visited more than 20 countries in both Europe and Asia
- Practice 30+ minutes continuous meditation on a daily basis
- Half-marathon runner