

Alexander Smirnov

Amay 21, 1999

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Languages

Russian

English



Working Experience

08.2019 –	Machine learning intern JetBrains
12.2019	Predict core properties (type, carbonate, ruin, saturation) using core samples images.
07.2019 –	Machine learning intern Belkasoft
08.2019	Collect data and train algorithm to find pictures that contain sircles and arrows on them.

Education

Study

2017 – now	Bachelor Studies Saint Petersburg State Ui			
	Software and Administration of Information Systems, Departme			
	of Information and Analytical Systems.			
	Coursework Theses Department of Information and Analy			
	Automatic core samples classification.			
2014 – 2017	Secondary education	Physics and Mathematics Lyceum No. 239		

Online courses

2020 - now

	Main concepts of C++.	
2019 - now	Training on labeled data	MIPT
	Supervised learning models: linear models, decision composition.	trees, models
2020	Linux Fundamentals	Paul Cobbaut
	Introduction to using Linux from the command line.	
2020	Web development for beginners	ITC
	Basics of web development.	
2019	Mathematics and python for data analysis	MIPT
	Refresh mathematics knowledge applied in data analy python libraries that are related.	ysis and review
2019	Introduction to TensorFlow Examples of how to work with TensorFlow library.	deeplearning.ai

Computer Science Center

Programming in C++

Offline courses

2016	Student STAR Program-Russia CoE track Project management course.	EMC
2015 – 2016	Samsung IT School Android development course.	Samsung

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Skills -

A Linux



- Arch, i3
- Vim, Bash
- Python



- NumPy, SciPy, Matplotlib
- Scikit-learn, Tensorflow
- Jupyter Notebook

👙 Java

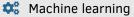
.NET



- Android development

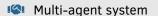


- ▶ C#
- ▶ F#





- Data collection
- Data visualization
- ▶ EDA
- Performance metrics
- Web development
 - HTML, CSS, JS, PHP
 - JQ, AJAX, Bootstrap
 - MySQL





C C++

Projects

2019 **Emoji communicator**

Visualizing text with emoji letters.

2019 Siamese Neural Networks

Implementation of siamese network for one-shot learning task.

2019 Classifying browser extension

Browser extension that allows you to classify site if it is suitable for

children to watch.

2018 – 2019 Android meme application

An android app that show memes depending on your preferences.

2018 – 2019 Custom file manager

It illustrates a bunch of programming patterns and optimization

techniques.

Achievements

2018 Made it to finals VK Hackathon

The goal was to make an entertaining app.

2019 **Took 2nd place** PhotoLab PhotoHack

The goal was to make a program that help user to express themselves in chats.