Alexander Smirnov

- 👤 May 21, 1999
- ✉ Russia, Saint Petersburg
- 🐙 SmirnovAlexander
- @ ru.alexander.smirnov@gmail.com
- ✈ @furiousteabag
- 📞 +79119727982

Languages ─────────

🇷🇺 Russian	● ● ● ● ●
🇬🇧 English	● ● ● ● ○

Working Experience

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

Education

Study

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

Online courses

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

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 ————————

Linux ● ● ● ○
- ▸ Arch, i3
- ▸ Vim, Bash

Python ● ● ● ○
- ▸ NumPy, SciPy, Matplotlib
- ▸ Scikit-learn, Tensorflow
- ▸ Jupyter Notebook

Machine learning ● ● ○ ○
- ▸ Data collection
- ▸ Data visualization
- ▸ EDA
- ▸ Performance metrics

Web development ● ● ○ ○
- ▸ HTML, CSS, JS, PHP
- ▸ JQ, AJAX, Bootstrap
- ▸ MySQL

Java ● ● ○ ○
- ▸ Android development

.NET ● ● ○ ○
- ▸ C#
- ▸ F#

Multi-agent system ● ● ○ ○

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.