

### **Alexander Smirnov**

Amay 21, 1999

Russia, Saint Petersburg

SmirnovAlexander

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### Languages

Russian

**English** 



08.2020 – Recommender systems engineer IT Service, startup now Creating and evaluating news & videos recommender systems.

### **Internships**

08.2019 – Machine learning intern
 12.2019 Predict core properties (type, carbonate, ruin, saturation) using core samples images.

 07.2019 – Machine learning intern
 Collect data and train algorithm to find pictures that contain circles and arrows on them.

#### **Education**

Study

2017 – now **Bachelor Studies**Saint Petersburg State University
Software and Administration of Information Systems, Department

of Information and Analytical Systems.

**Coursework Theses** Department of Information and Analytical Systems.

Automatic core samples classification.

2014 – 2017 **Secondary education** Physics and Mathematics Lyceum No. 239

## **Alexander Smirnov**

## Skills -





- Arch, i3
- vim, zsh

Python

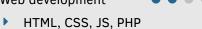


- NumPy, SciPy, Matplotlib
- Scikit-learn, Tensorflow

**Data** science



- Recommender systems
- Data collection
- Data visualization
- ▶ EDA
- Performance metrics
- Web development



- JQ, AJAX, Bootstrap
- MySQL





Android development

■ .NET



- ▶ C#
- ▶ F#

Multi-agent system



C C++

2020 – now	Introduction to Recommender Systems Non-Personalized and Content-Based recomme	University of Minnesota nders.
2020 – now	<b>Algorithms. Theory and practice. Methods</b> Algorithms introduction.	Computer Science Center
2020 – now	Programming in C++ Main concepts of C++.	Computer Science Center
2019 – now	<b>Training on labeled data</b> Supervised learning models: linear models, decomposition.	MIPT cision trees, models
2020	<b>Linux Fundamentals</b> Introduction to using Linux from the command	Paul Cobbaut line.
2020	<b>Web development for beginners</b> Basics of web development.	ITC
2019	Mathematics and python for data analysis Refresh mathematics knowledge applied in data python libraries that are related.	MIPT analysis and review
2019	Introduction to TensorFlow Examples of how to work with TensorFlow librar	deeplearning.ai 'Y.

#### Offline courses

**Education** 

Online courses

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

# Alexander Smirnov

### About Me ----

programming

## **Projects**

2020	<b>Tetris</b> Terminal tetris game for *nix operating system.
2019	<b>Emoji communicator</b> Visualizing text with emoji letters.
2019	Siamese Neural Networks Implementation of siamese network for one-shot learning task.
2019	<b>Classifying browser extension</b> 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	<b>Custom file manager</b> It illustrates a bunch of programming patterns and optimization techniques.

### **Achievements**

2019	2nd place	PhotoLab PhotoHack
2018	Finals	VK Hackathon

### **Hackathons**

2020	TrudHack 2 CV parser	Saint Petersburg
2019	<b>Tender Hack.Spb</b> Search algorithm	Saint Petersburg
2019	PhotoLab PhotoHack Program that help users to express themselves in ch	Veliky Novgorod ats
2019	<b>QuantNet</b> Trading algorithm	Saint Petersburg
2019	SPbU GameJam 2019 Game	Saint Petersburg
2018	VK Hackathon Entertaining app	Saint Petersburg