

# Alexandrovich Dmitriy Alexandrovich

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## MACHINE LEARNING INTERN

A novice machine learning specialist – a student of a third year undergraduate from Russia – with experience in using mathematical and statistical methods of data processing and a love of learning. Looking for a job where I can apply my knowledge and get practical experience.

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### Skills

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Classification of images using computer vision technologies – convolutional layers, deep separable convolutional layers, inception blocks, and shortcut connections. Have experience in classifying more than 100 classes.

Time series analysis. Checking for stationarity, searching for trend and seasonality. Their further prediction using recurrent neural networks and the ARIMA family of algorithms.

Classification of data using decision trees and their ensembles, logistic regression, the method of support vectors, neighbor-based algorithms, and others. Use of Bagging, Boosting, and Stacking composite learning technologies.

Data dimensionality reduction using PCA, LDE, and t-SNE algorithms and further visualization.

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### Technology stack

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➤ TensorFlow	➤ CatBoost	➤ SciPy	➤ DVC	➤ Linux
➤ Keras	➤ XGBoost	➤ Pandas	➤ SQL	➤ Python
➤ Scikit-Learn	➤ NumPy	➤ Matplotlib	➤ Git	➤ JavaScript

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### Work experience

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Place of employment: “TimeWeb” LLC  
Working period: From July 2018 to August 2018  
Position: Front-end developer, Intern  
Responsibilities: Code refactoring, layout of site elements, working with Backbone and jQuery frameworks.

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Place of employment: Individual Entrepreneur O. Matvienko, «Умники и умницы»  
Working period: From July 2019 to February 2020  
Position: Full stack developer  
Responsibilities: Back-end and front-end development – database architecture, REST API and style solutions development; writing jQuery scripts and SCSS styles. Remote.

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### Work experience

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Place of employment:	Individual Entrepreneur T. Melnikova, photographer
Working period:	From August 2019 to February 2020
Position:	Full stack developer
Responsibilities:	Back-end and front-end development – writing SCSS style files and jQuery script files, writing layout files in PHP.

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### Education

Incomplete higher education: ITMO University, faculty of information technology Security, 2017-2021

Additional education:

- deeplearning.ai – specialization of 4 courses "TensorFlow in Practice", 2020;
  - MIPT and Yandex – specialization of 6 courses "Machine learning and data analysis", 2019;
  - Stanford University – course «Machine learning», 2019;
  - HTML Academy – course «Web-development», 2017.
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### More information

Able to read and edit code of someone else. Familiar with the C# and Java programming languages – had training projects related to them. Had study projects where I was a team leader.

Have a Stack Overflow account: @yoskutik

Languages: Russian – native, English – Upper-Intermediate.

Full years – 20.

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