



# Aleksandr Anikin

## Curriculum Vitae

### Education

2015–2017 **Master of Science**, *Skolkovo Institute of Science and Technology*, Moscow, GPA – 5.0 (of 5).

MSc student at Computer vision group at Center for Data-Intensive Science and Engineering, *Area of interests*: deep learning, machine learning

*Main courses*: Deep Learning, Bayesian Methods, Probabilistic Graphical Models, Optimization Methods

2010–2015 **Master of mechanics and applied mathematics**, *Lomonosov Moscow State University*, Moscow, GPA – 4.6 (of 5).

Graduated from the faculty of Mechanics and Mathematics, specialized in aeromechanics and gas dynamics

### Masters Thesis

Title *Deep Action-Detection using Recurrent Neural Networks*

Supervisor Victor Lempitsky, Associate Professor

Description The target of this work is to decide whether to perform an action over some predefined classes of moving objects detected on videos with additional constraints on the actions domain.

### Experience

Nov–Dec, **Teaching Assistant**, SKOLTECH, Moscow.

2016 Assistance on the Optimization Methods course (by Victor Lempitsky) for the 1<sup>st</sup> year MSc students

Jun–Aug, **Intern Researcher**, YANDEX, Moscow.

2016 Worked on 3D map reconstruction from video using visual SLAM and image segmentation. Project achievements:

- Developed a model for depth map estimation from a sequence of frames from a monocular video with deep neural networks
- Performed a walk-through for a real-time SLAM library ORB-SLAM2, developing useful utility functions for working with it
- Worked with ZED SDK for stereo camera, created modules for writing stereo videos and parsing them for SLAM purposes

2013–2015 **Business Analyst**, DELOITTE & TOUCHE CIS, Moscow.

Worked as an analyst of Enterprise Risk Services Department, assisting in complex audit engagements requiring work with big arrays of financial data (particularly, journal entry testing on finding suspicious ones), working on automatization of data analysis process

## Achievements

Sep, 2016 3<sup>rd</sup> place at International student data science competition **DataScienceGame** in **Paris**

Jul, 2016 Top 2% at **State Farm Distracted Driver Detection** competition on **Kaggle** as a member of team Mechanics 4 Life (deep learning)

Aug, 2016 Academic Excellence Award at Skoltech

2012 Stipend for talented students for high academic performance and outstanding sport achievements

## Professional skills

PYTHON (Theano, Lasagne, TensorFlow, Keras, OpenCV, sklearn, cvxpy, pandas)  
C++ (basic knowledge)

ARDUINO (basic knowledge), FANUC KAREL (basic knowledge), PHP (basic knowledge), JAVASCRIPT (basic knowledge), MYSQL (basic knowledge)

## Languages

Russian **Native**

English **Upper-Intermediate**