FEDOR CHERVINSKII
CV/AI Research Engineer

PERSONAL DATA

PLACE AND DATE OF BIRTH:	Saint-Petersburg, Russia | 23 November 1992
ADDRESS:	Moscow, Russia
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WORK EXPERIENCE

Current
FEB 2016

Research Engineer at Yandex, Moscow
HD Maps, Autonomous Driving

Currently working on integrated perception for autonomous vehicle. Includes semantic segmentation, stereo/lidar depth analysis, object detection and tracking.

SUMMER 2015

Research Intern at Yandex, Moscow
Face Recognition

Performed a research on face recognition in videos. Built an autoencoder model that was able to analyze facial expressions as well as change them on a given face image.

SUMMER 2013

Research Intern at CFEL DESY, Hamburg

Analyzed data from X-ray Free Electron Laser experiments. Suggested a new metric that has been later used in crystallography experiments

EDUCATION

JUNE 2016

Master of Science in COMPUTER SCIENCE AND ENGINEERING
Skolkovo Institute of Science and Technology, Moscow
Thesis: "Semantic Segmentation of Road Scenes"
Advisor: prof. Victor Lempitsky

FALL 2015

Special Student, **Massachusetts Institute of Technology**
Track: Computer Science and Engineering

JUNE 2014

Bachelor degree at **Moscow Institute of Physics and Technology**
Spec.: Applied Math and Physics, Nanotechnology
Thesis: "Study of kinetics of GaN growth in Ga-reach mode of NH_3-MBE"

LANGUAGES

RUSSIAN:	Mothertongue
ENGLISH:	Fluent

COMPUTER & MATH SKILLS

Advanced:	Linear Algebra and Analysis, Quaternions, Optimization, SLAM, VO, SfM Python, Tensorflow, Torch7(Lua), Caffe, UNIX
Basic:	C/C++, CUDA programming