

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

<i>Current</i> FEB 2016	Research Engineer at Yandex , Moscow <i>HD Maps, Autonomous Driving</i> 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 <i>Face Recognition</i> 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